aws

Amazon CodeCatalyst

API Version 2022-09-28

Amazon CodeCatalyst: Welcome

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Welcome

> ⚠️ **Important**
>
> Amazon CodeCatalyst is no longer open to new customers. For more information, see How to migrate from Amazon CodeCatalyst.

Welcome to the Amazon CodeCatalyst API reference. This reference provides descriptions of operations and data types for Amazon CodeCatalyst. You can use the Amazon CodeCatalyst API to work with the following objects.

Spaces, by calling the following:

- DeleteSpace, which deletes a space.
- GetSpace, which returns information about a space.
- GetSubscription, which returns information about the AWS account used for billing purposes and the billing plan for the space.
- ListSpaces, which retrieves a list of spaces.
- UpdateSpace, which changes one or more values for a space.

Projects, by calling the following:

- CreateProject which creates a project in a specified space.
- GetProject, which returns information about a project.
- ListProjects, which retrieves a list of projects in a space.

Users, by calling the following:

- GetUserDetails, which returns information about a user in Amazon CodeCatalyst.

Source repositories, by calling the following:

- CreateSourceRepository, which creates an empty Git-based source repository in a specified project.

- [CreateSourceRepositoryBranch](), which creates a branch in a specified repository where you can work on code.
- [DeleteSourceRepository](), which deletes a source repository.
- [GetSourceRepository](), which returns information about a source repository.
- [GetSourceRepositoryCloneUrls](), which returns information about the URLs that can be used with a Git client to clone a source repository.
- [ListSourceRepositories](), which retrieves a list of source repositories in a project.
- [ListSourceRepositoryBranches](), which retrieves a list of branches in a source repository.

Dev Environments and the AWS Toolkits, by calling the following:

- [CreateDevEnvironment](), which creates a Dev Environment, where you can quickly work on the code stored in the source repositories of your project.
- [DeleteDevEnvironment](), which deletes a Dev Environment.
- [GetDevEnvironment](), which returns information about a Dev Environment.
- [ListDevEnvironments](), which retrieves a list of Dev Environments in a project.
- [ListDevEnvironmentSessions](), which retrieves a list of active Dev Environment sessions in a project.
- [StartDevEnvironment](), which starts a specified Dev Environment and puts it into an active state.
- [StartDevEnvironmentSession](), which starts a session to a specified Dev Environment.
- [StopDevEnvironment](), which stops a specified Dev Environment and puts it into an stopped state.
- [StopDevEnvironmentSession](), which stops a session for a specified Dev Environment.
- [UpdateDevEnvironment](), which changes one or more values for a Dev Environment.

Workflows, by calling the following:

- [GetWorkflow](), which returns information about a workflow.
- [GetWorkflowRun](), which returns information about a specified run of a workflow.
- [ListWorkflowRuns](), which retrieves a list of runs of a specified workflow.
- [ListWorkflows](), which retrieves a list of workflows in a specified project.
- [StartWorkflowRun](), which starts a run of a specified workflow.

Security, activity, and resource management in Amazon CodeCatalyst, by calling the following:

- [CreateAccessToken](), which creates a personal access token (PAT) for the current user.

- [DeleteAccessToken](), which deletes a specified personal access token (PAT).

- [ListAccessTokens](), which lists all personal access tokens (PATs) associated with a user.

- [ListEventLogs](), which retrieves a list of events that occurred during a specified time period in a space.

- [VerifySession](), which verifies whether the calling user has a valid Amazon CodeCatalyst login and session.

> ⓘ **Note**
>
> If you are using the Amazon CodeCatalyst APIs with an SDK or the AWS CLI, you must configure your computer to work with Amazon CodeCatalyst and single sign-on (SSO). For more information, see [Setting up to use the AWS CLI with Amazon CodeCatalyst]() and the SSO documentation for your SDK.

This document was last published on March 9, 2026.

Actions

The following actions are supported:

- CreateAccessToken

- CreateDevEnvironment

- CreateProject

- CreateSourceRepository

- CreateSourceRepositoryBranch

- DeleteAccessToken

- DeleteDevEnvironment

- DeleteProject

- DeleteSourceRepository

- DeleteSpace

- GetDevEnvironment

- GetProject

- GetSourceRepository

- GetSourceRepositoryCloneUrls

- GetSpace

- GetSubscription

- GetUserDetails

- GetWorkflow

- GetWorkflowRun

- ListAccessTokens

- ListDevEnvironments

- ListDevEnvironmentSessions

- ListEventLogs

- ListProjects

- ListSourceRepositories

- ListSourceRepositoryBranches

- ListSpaces

- [ListWorkflowRuns](#)
- [ListWorkflows](#)
- [StartDevEnvironment](#)
- [StartDevEnvironmentSession](#)
- [StartWorkflowRun](#)
- [StopDevEnvironment](#)
- [StopDevEnvironmentSession](#)
- [UpdateDevEnvironment](#)
- [UpdateProject](#)
- [UpdateSpace](#)
- [VerifySession](#)

CreateAccessToken

Creates a personal access token (PAT) for the current user. A personal access token (PAT) is similar to a password. It is associated with your user identity for use across all spaces and projects in Amazon CodeCatalyst. You use PATs to access CodeCatalyst from resources that include integrated development environments (IDEs) and Git-based source repositories. PATs represent you in Amazon CodeCatalyst and you can manage them in your user settings.For more information, see Managing personal access tokens in Amazon CodeCatalyst.

Request Syntax

```
PUT /v1/accessTokens HTTP/1.1
Content-type: application/json

{
   "expiresTime": "string",
   "name": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

expiresTime

   The date and time the personal access token expires, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

   Type: Timestamp

   Required: No

name

   The friendly name of the personal access token.

   Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
   "accessTokenId": "string",
   "expiresTime": "string",
   "name": "string",
   "secret": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

accessTokenId

The system-generated unique ID of the access token.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 36.

expiresTime

The date and time the personal access token expires, in coordinated universal time (UTC) timestamp format as specified in RFC 3339. If not specified, the default is one year from creation.

Type: Timestamp

name

The friendly name of the personal access token.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

secret

The secret value of the personal access token.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4000.

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateDevEnvironment

Creates a Dev Environment in Amazon CodeCatalyst, a cloud-based development environment that you can use to quickly work on the code stored in the source repositories of your project.

> ⓘ **Note**
>
> When created in the Amazon CodeCatalyst console, by default a Dev Environment is configured to have a 2 core processor, 4GB of RAM, and 16GB of persistent storage. None of these defaults apply to a Dev Environment created programmatically.

Request Syntax

```
PUT /v1/spaces/spaceName/projects/projectName/devEnvironments HTTP/1.1
Content-type: application/json

{
   "alias": "string",
   "clientToken": "string",
   "ides": [
      {
         "name": "string",
         "runtime": "string"
      }
   ],
   "inactivityTimeoutMinutes": number,
   "instanceType": "string",
   "persistentStorage": {
      "sizeInGiB": number
   },
   "repositories": [
      {
         "branchName": "string",
         "repositoryName": "string"
      }
   ],
   "vpcConnectionName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

alias

The user-defined alias for a Dev Environment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

clientToken

A user-specified idempotency token. Idempotency ensures that an API request completes only once. With an idempotent request, if the original request completes successfully, the

subsequent retries return the result from the original successful request and have no additional effect.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

ides

Information about the integrated development environment (IDE) configured for a Dev Environment.

> **ⓘ Note**
>
> An IDE is required to create a Dev Environment. For Dev Environment creation, this field contains configuration information and must be provided.

Type: Array of IdeConfiguration objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

inactivityTimeoutMinutes

The amount of time the Dev Environment will run without any activity detected before stopping, in minutes. Only whole integers are allowed. Dev Environments consume compute minutes when running.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1200.

Required: No

instanceType

The Amazon EC2 instace type to use for the Dev Environment.

Type: String

Valid Values: `dev.standard1.small` | `dev.standard1.medium` |
`dev.standard1.large` | `dev.standard1.xlarge`

Required: Yes

persistentStorage

Information about the amount of storage allocated to the Dev Environment.

> **ⓘ Note**
>
> By default, a Dev Environment is configured to have 16GB of persistent storage
> when created from the Amazon CodeCatalyst console, but there is no default when
> programmatically creating a Dev Environment. Valid values for persistent storage are
> based on memory sizes in 16GB increments. Valid values are 16, 32, and 64.

Type: PersistentStorageConfiguration object

Required: Yes

repositories

The source repository that contains the branch to clone into the Dev Environment.

Type: Array of RepositoryInput objects

Required: No

vpcConnectionName

The name of the connection that will be used to connect to Amazon VPC, if any.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

Response Syntax

```
HTTP/1.1 201
```

```
Content-type: application/json

{
    "id": "string",
    "projectName": "string",
    "spaceName": "string",
    "vpcConnectionName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

id

The system-generated unique ID of the Dev Environment.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

vpcConnectionName

The name of the connection used to connect to Amazon VPC used when the Dev Environment was created, if any.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
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- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateProject

Creates a project in a specified space.

Request Syntax

```
PUT /v1/spaces/spaceName/projects HTTP/1.1
Content-type: application/json

{
   "description": "string",
   "displayName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the project. This description will be displayed to all users of the project. We recommend providing a brief description of the project and its intended purpose.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Pattern: `[a-zA-Z0-9]+(?:[-_a-zA-Z0-9.,;:/\+=?&$% ])*`

Required: No

displayName

The friendly name of the project that will be displayed to users.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\. ][a-zA-Z0-9]+)*`

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
    "description": "string",
    "displayName": "string",
    "name": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

description

The description of the project.

Type: String

displayName

The friendly name of the project.

Type: String

name

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

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- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
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- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateSourceRepository

Creates an empty Git-based source repository in a specified project. The repository is created with an initial empty commit with a default branch named `main`.

Request Syntax

```
PUT /v1/spaces/spaceName/projects/projectName/sourceRepositories/name HTTP/1.1
Content-type: application/json

{
   "description": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the source repository. For more information about name requirements, see Quotas for source repositories.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
    "description": "string",
    "name": "string",
    "projectName": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

description

The description of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

name

The name of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `CreateSourceRepository` to create a repository named *MyDemoRepo* with a description of *A place for us to collaborate on our project code.* in the *MyDemoProject* project that is part of the *ExampleCorp* space.

Sample Request

```
PUT https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject/
sourceRepositories/MyDemoRepo
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.create-source-repository
```

```
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE


{"description": "A place for us to collaborate on our project code."}
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Wed, 07 Jun 2023 19:43:09 GMT



{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "name": "MyDemoRepo",
    "id": "EXAMPLE1-1a2b-345c-6789-de6f1EXAMPLE",
    "description": "A place for us to collaborate on our project code."
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2

- AWS SDK for .NET V4

- AWS SDK for C++

- AWS SDK for Go v2

- AWS SDK for Java V2

- AWS SDK for JavaScript V3

- AWS SDK for Kotlin

- AWS SDK for PHP V3

- AWS SDK for Python

- AWS SDK for Ruby V3

CreateSourceRepositoryBranch

Creates a branch in a specified source repository in Amazon CodeCatalyst.

> **Note**
>
> This API only creates a branch in a source repository hosted in Amazon CodeCatalyst. You cannot use this API to create a branch in a linked repository.

Request Syntax

```
PUT /v1/spaces/spaceName/projects/projectName/sourceRepositories/sourceRepositoryName/
branches/name HTTP/1.1
Content-type: application/json

{
   "headCommitId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

name

The name for the branch you're creating.

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

sourceRepositoryName

The name of the repository where you want to create a branch.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

headCommitId

The commit ID in an existing branch from which you want to create the new branch.

Type: String

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
   "headCommitId": "string",
   "lastUpdatedTime": "string",
   "name": "string",
   "ref": "string"
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

headCommitId

 The commit ID of the tip of the newly created branch.

 Type: String

lastUpdatedTime

 The time the branch was last updated, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

 Type: Timestamp

name

 The name of the newly created branch.

 Type: String

 Length Constraints: Minimum length of 1. Maximum length of 100.

ref

 The Git reference name of the branch.

 Type: String

 Length Constraints: Minimum length of 1. Maximum length of 255.

Errors

AccessDeniedException

 The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
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DeleteAccessToken

Deletes a specified personal access token (PAT). A personal access token can only be deleted by the user who created it.

Request Syntax

```
DELETE /v1/accessTokens/id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The ID of the personal access token to delete. You can find the IDs of all PATs associated with your AWS Builder ID in a space by calling ListAccessTokens.

Length Constraints: Minimum length of 1. Maximum length of 36.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using DeleteAccessToken to delete the personal access token with the ID of *a1b2c3d4-5678-90ab-cdef-EXAMPLEbbbbb*. To get the ID of a personal access token, use ListAccessTokens.

Sample Request

```
DELETE https://codecatalyst.global.api.aws/v1/accessTokens/a1b2c3d4-5678-90ab-cdef-
EXAMPLEbbbbb
Host: codecatalyst.global.api.aws
Accept-Encoding: identity
User-Agent: aws-cli/2.7.31 Python/3.10.8 Darwin/21.6.0 source/x86_64 prompt/off
 command/codecatalyst.delete-access-token
Content-Type: application/x-amz-json-1.1
Authorization: Bearer AKIAI44QH8DHBEXAMPLE
Content-Length: 0
```

Sample Response

```
200 OK 2b
Content-Type: application/json; charset=utf-8
Date: Sat, 05 Nov 2022 13:20:05 GMT


{}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteDevEnvironment

Deletes a Dev Environment.

Request Syntax

```
DELETE /v1/spaces/spaceName/projects/projectName/devEnvironments/id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The system-generated unique ID of the Dev Environment you want to delete. To retrieve a list of Dev Environment IDs, use ListDevEnvironments.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "id": "string",
    "projectName": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

id

The system-generated unique ID of the deleted Dev Environment.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteProject

Deletes a project in a space.

Request Syntax

```
DELETE /v1/spaces/spaceName/projects/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

> The name of the project in the space. To retrieve a list of project names, use ListProjects.
>
> Length Constraints: Minimum length of 3. Maximum length of 63.
>
> Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`
>
> Required: Yes

spaceName

> The name of the space.
>
> Length Constraints: Minimum length of 3. Maximum length of 63.
>
> Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`
>
> Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
    "displayName": "string",
    "name": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

displayName

The friendly name displayed to users of the project in Amazon CodeCatalyst.

Type: String

name

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `DeleteProject` to delete a project named *MyDemoProject* from a space named *ExampleCorp*.

Sample Request

```
DELETE https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.delete-project
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Wed, 07 Jun 2023 19:43:09 GMT


{"spaceName":"ExampleCorp" ,"name":"MyDemoProject"}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the
following:

- AWS Command Line Interface V2

- AWS SDK for .NET V4

- AWS SDK for C++

- AWS SDK for Go v2

- AWS SDK for Java V2

- AWS SDK for JavaScript V3

- AWS SDK for Kotlin

- AWS SDK for PHP V3

- AWS SDK for Python

- AWS SDK for Ruby V3

DeleteSourceRepository

Deletes a source repository in Amazon CodeCatalyst. You cannot use this API to delete a linked repository. It can only be used to delete a Amazon CodeCatalyst source repository.

Request Syntax

```
DELETE /v1/spaces/spaceName/projects/projectName/sourceRepositories/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the source repository.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "name": "string",
    "projectName": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

name

> The name of the repository.
>
> Type: String
>
> Length Constraints: Minimum length of 1. Maximum length of 100.
>
> Pattern: `(?!.*[.]git$)[\w\-.]*`

projectName

> The name of the project in the space.
>
> Type: String
>
> Length Constraints: Minimum length of 3. Maximum length of 63.
>
> Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

> The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `DeleteSourceRepository` to delete a repository named *MyDemoRepo* in the *MyDemoProject* project that is part of the *ExampleCorp* space.

Sample Request

```
DELETE https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/
MyDemoProject/sourceRepositories/MyDemoRepo
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.delete-source-repository
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE


{}
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Wed, 07 Jun 2023 19:43:09 GMT


{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "name": "MyDemoRepo"
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteSpace

Deletes a space.

> ⚠️ **Important**
>
> Deleting a space cannot be undone. Additionally, since space names must be unique across Amazon CodeCatalyst, you cannot reuse names of deleted spaces.

Request Syntax

```
DELETE /v1/spaces/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the space. To retrieve a list of space names, use ListSpaces.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "displayName": "string",
    "name": "string"
```

```
    }
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

displayName

The friendly name of the space displayed to users of the space in Amazon CodeCatalyst.

Type: String

name

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `DeleteSpace` to delete a space named *ExampleCorp*.

Sample Request

```
DELETE https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.delete-space
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Wed, 07 Jun 2023 19:43:09 GMT
```

```
{
    "name": "ExampleCorp",
    "displayName": "Example_Corp"
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetDevEnvironment

Returns information about a Dev Environment for a source repository in a project. Dev Environments are specific to the user who creates them.

Request Syntax

```
GET /v1/spaces/spaceName/projects/projectName/devEnvironments/id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The system-generated unique ID of the Dev Environment for which you want to view information. To retrieve a list of Dev Environment IDs, use ListDevEnvironments.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "alias": "string",
    "creatorId": "string",
    "id": "string",
    "ides": [
        {
            "name": "string",
            "runtime": "string"
        }
    ],
    "inactivityTimeoutMinutes": number,
    "instanceType": "string",
    "lastUpdatedTime": "string",
    "persistentStorage": {
        "sizeInGiB": number
    },
    "projectName": "string",
    "repositories": [
        {
            "branchName": "string",
            "repositoryName": "string"
        }
    ],
    "spaceName": "string",
    "status": "string",
    "statusReason": "string",
    "vpcConnectionName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

alias

The user-specified alias for the Dev Environment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

creatorId

The system-generated unique ID of the user who created the Dev Environment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

id

The system-generated unique ID of the Dev Environment.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

ides

Information about the integrated development environment (IDE) configured for the Dev Environment.

Type: Array of Ide objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

inactivityTimeoutMinutes

The amount of time the Dev Environment will run without any activity detected before stopping, in minutes.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1200.

instanceType

The Amazon EC2 instace type to use for the Dev Environment.

Type: String

Valid Values: `dev.standard1.small` | `dev.standard1.medium` |
`dev.standard1.large` | `dev.standard1.xlarge`

lastUpdatedTime

The time when the Dev Environment was last updated, in coordinated universal time (UTC)
timestamp format as specified in RFC 3339.

Type: Timestamp

persistentStorage

Information about the amount of storage allocated to the Dev Environment. By default, a Dev
Environment is configured to have 16GB of persistent storage.

Type: PersistentStorage object

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

repositories

The source repository that contains the branch cloned into the Dev Environment.

Type: Array of DevEnvironmentRepositorySummary objects

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

status

The current status of the Dev Environment.

Type: String

Valid Values: PENDING | RUNNING | STARTING | STOPPING | STOPPED | FAILED | DELETING | DELETED

statusReason

The reason for the status.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

vpcConnectionName

The name of the connection used to connect to Amazon VPC used when the Dev Environment was created, if any.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetProject

Returns information about a project.

Request Syntax

```
GET /v1/spaces/spaceName/projects/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "description": "string",
```

```
    "displayName": "string",
    "name": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

description

 The description of the project.

 Type: String

displayName

 The friendly name of the project displayed to users in Amazon CodeCatalyst.

 Type: String

name

 The name of the project in the space.

 Type: String

spaceName

 The name of the space.

 Type: String

 Length Constraints: Minimum length of 3. Maximum length of 63.

 Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

 The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

GetSourceRepository

Returns information about a source repository.

Request Syntax

```
GET /v1/spaces/spaceName/projects/projectName/sourceRepositories/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the source repository.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "createdTime": "string",
    "description": "string",
    "lastUpdatedTime": "string",
    "name": "string",
    "projectName": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

createdTime

The time the source repository was created, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

description

The description of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

lastUpdatedTime

The time the source repository was last updated, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

name

The name of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `GetSourceRepository` to retrieve information about a repository named *MyDemoRepo* in the *MyDemoProject* project that is part of the *ExampleCorp* space.

Sample Request

```
GET https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject/
sourceRepositories/MyDemoRepo
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.get-source-repository
```

```
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Wed, 07 Jun 2023 19:43:09 GMT



{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "name": "MyDemoRepo",
    "id": "EXAMPLE1-1a2b-345c-6789-de6f1EXAMPLE",
    "description": "A place for us to collaborate on our project code.",
    "createdTime": "2023-06-27T21:33:28+00:00"
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

GetSourceRepositoryCloneUrls

Returns information about the URLs that can be used with a Git client to clone a source repository.

Request Syntax

```
GET /v1/spaces/spaceName/projects/projectName/sourceRepositories/sourceRepositoryName/
cloneUrls HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

sourceRepositoryName

The name of the source repository.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "https": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

https

The HTTPS URL to use when cloning the source repository.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

GetSpace

Returns information about an space.

Request Syntax

```
GET /v1/spaces/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "description": "string",
   "displayName": "string",
   "name": "string",
   "regionName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

description

The description of the space.

Type: String

displayName

The friendly name of the space displayed to users.

Type: String

name

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

regionName

The AWS Region where the space exists.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 16.

Pattern: `(us(?:-gov)?|af|ap|ca|cn|eu|sa)-(central|(?:north|south)?(?:east|west)?)-(\d+)`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetSubscription

Returns information about the AWS account used for billing purposes and the billing plan for the space.

Request Syntax

```
GET /v1/spaces/spaceName/subscription HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "awsAccountName": "string",
    "pendingSubscriptionStartTime": "string",
    "pendingSubscriptionType": "string",
    "subscriptionType": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

awsAccountName

   The display name of the AWS account used for billing for the space.

   Type: String

   Length Constraints: Minimum length of 3. Maximum length of 63.

   Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

pendingSubscriptionStartTime

   The day and time the pending change will be applied to the space, in coordinated universal time
   (UTC) timestamp format as specified in RFC 3339.

   Type: Timestamp

pendingSubscriptionType

   The type of the billing plan that the space will be changed to at the start of the next billing
   cycle. This applies only to changes that reduce the functionality available for the space. Billing
   plan changes that increase functionality are applied immediately. For more information, see
   Pricing.

   Type: String

subscriptionType

   The type of the billing plan for the space.

   Type: String

Errors

AccessDeniedException

   The request was denied because you don't have sufficient access to perform this action. Verify
   that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

GetUserDetails

Returns information about a user.

Request Syntax

```
GET /userDetails?id=id&userName=userName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

>   The system-generated unique ID of the user.

>   Length Constraints: Minimum length of 1. Maximum length of 256.

userName

>   The name of the user as displayed in Amazon CodeCatalyst.

>   Length Constraints: Minimum length of 3. Maximum length of 100.

>   Pattern: `[a-zA-Z0-9_.-]{3,100}`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "displayName": "string",
   "primaryEmail": {
      "email": "string",
      "verified": boolean
   },
   "userId": "string",
```

```
    "userName": "string",
    "version": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

displayName

The friendly name displayed for the user in Amazon CodeCatalyst.

Type: String

primaryEmail

The email address provided by the user when they signed up.

Type: EmailAddress object

userId

The system-generated unique ID of the user.

Type: String

userName

The name of the user as displayed in Amazon CodeCatalyst.

Type: String

version

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

GetWorkflow

Returns information about a workflow.

Request Syntax

```
GET /v1/spaces/spaceName/projects/projectName/workflows/id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The ID of the workflow. To rerieve a list of workflow IDs, use ListWorkflows.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 1.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "createdTime": "string",
    "definition": {
        "path": "string"
    },
    "id": "string",
    "lastUpdatedTime": "string",
    "name": "string",
    "projectName": "string",
    "runMode": "string",
    "sourceBranchName": "string",
    "sourceRepositoryName": "string",
    "spaceName": "string",
    "status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

createdTime

The date and time the workflow was created, in coordinated universal time (UTC) timestamp format as specified in RFC 3339

Type: Timestamp

definition

Information about the workflow definition file for the workflow.

Type: WorkflowDefinition object

id

The ID of the workflow.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

lastUpdatedTime

The date and time the workflow was last updated, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](RFC 3339)

Type: Timestamp

name

The name of the workflow.

Type: String

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

runMode

The behavior to use when multiple workflows occur at the same time. For more information, see https://docs.aws.amazon.com/codecatalyst/latest/userguide/workflows-configure-runs.html in the Amazon CodeCatalyst User Guide.

Type: String

Valid Values: `QUEUED | PARALLEL | SUPERSEDED`

sourceBranchName

The name of the branch that contains the workflow YAML.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

sourceRepositoryName

The name of the source repository where the workflow YAML is stored.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

status

The status of the workflow.

Type: String

Valid Values: `INVALID | ACTIVE`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `GetWorkflow` to retrieve information about a workflow named *MyDemoWorkflow* in the *MyDemoProject* project that is part of the *ExampleCorp* space.

Sample Request

```
GET https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject/
workflows/MyDemoWorkflow
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.get-workflow
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE
```

```
{}
```

Sample Response

```
200 OK 642b
Content-Type: application/json; charset=utf-8
Date: Tue, 01 Aug 2023 19:31:23 GMT



{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "name": "MyDemoWorkflow",
    "sourceRepository": {
        "name": "MyDemoRepo",
        "defaultBranch": "main",
        "metadata": null
     },
     "sourceBranch": {
        "branchName": "refs/heads/main",
        "headCommitId": "12345678EXAMPLE"
     },
     "definition": {
        "definition": "...",
        "path": ".codecatalyst/workflows/MyDemoWorkflow.yaml",
        "format": "YAML"
     },
     "createdTime": "2022-10-27T22:34:57.734Z",
     "lastUpdatedTime": "2022-10-31T16:48:35.623Z"
     "runMode": "QUEUED",
     "status": "ACTIVE"
     "latestRuns": {
        "items": [
            {
                "workflowVersion": 1,
                "id": "example-workflow-run-id-123abc"
            }
        ]
    }
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetWorkflowRun

Returns information about a specified run of a workflow.

Request Syntax

```
GET /v1/spaces/spaceName/projects/projectName/workflowRuns/id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The ID of the workflow run. To retrieve a list of workflow run IDs, use ListWorkflowRuns.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 1.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "endTime": "string",
    "id": "string",
    "lastUpdatedTime": "string",
    "projectName": "string",
    "spaceName": "string",
    "startTime": "string",
    "status": "string",
    "statusReasons": [
        {
        }
    ],
    "workflowId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

endTime

The date and time the workflow run ended, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

id

The ID of the workflow run.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

lastUpdatedTime

The date and time the workflow run status was last updated, in coordinated universal time (UTC) timestamp format as specified in RFC 3339

Type: Timestamp

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

startTime

The date and time the workflow run began, in coordinated universal time (UTC) timestamp format as specified in RFC 3339

Type: Timestamp

status

The status of the workflow run.

Type: String

Valid Values: `SUCCEEDED | FAILED | STOPPED | SUPERSEDED | CANCELLED | NOT_RUN | VALIDATING | PROVISIONING | IN_PROGRESS | STOPPING | ABANDONED`

statusReasons

Information about the reasons for the status of the workflow run.

Type: Array of WorkflowRunStatusReason objects

workflowId

The ID of the workflow.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `GetWorkflowRun` to retrieve information about a workflow run with the ID *example-workflow-run-id-123abc* in the *MyDemoProject* project that is part of the *ExampleCorp* space.

Sample Request

```
GET https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject/
workflowRuns/example-workflow-run-id-123abc
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.get-workflow-run
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE


{}
```

Sample Response

```
200 OK 642b
Content-Type: application/json; charset=utf-8
Date: Tue, 01 Aug 2023 19:31:23 GMT


{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "id": "example-workflow-run-id-123abc",
    "workflowId" "my-demo-workflow-id-123abc"
    "status": "SUCCEEDED",
    "statusReasons": []
```

```
        "startTime": "2022-10-31T16:48:41.123Z",
        "endTime": "2022-10-31T16:52:06.559Z",
        "lastUpdatedTime": "2022-10-31T16:48:35.623Z",
        "actionRuns": {
            "items": [
                {
                    "name": "myAction",
                    "status": "SUCCEEDED",
                    "id": "example-action-run-id-123abc",
                    "startTime": "2022-11-21T19:34:10.909Z",
                    "endTime": "2022-11-21T19:34:13.084Z",
                    "summary": {
                        "summaryMessage": {
                            "text": "ExampleSummaryMessage",
                            "label": "ExampleLabel"
                        }
                    },
                    "actionRunMessages": [],
                    "outputArtifacts": [
                        {
                            "name": "MyOutputArtifact"
                        }
                    ],
                    "outputVariables": [
                        {
                            "name": "MyOutputVariable",
                            "value": "ExampleValue"
                        }
                    ]
                }
            ]
        }
        "workflow": {
            "version": 3,
            "id": "a1b2c3d4-5678-90ab-cdef-EXAMPLE11111",
            "name": "MyDemoWorkflow",
            "runMode": "PARALLEL",
            "sourceRepository": {
                "name": "MyDemoRepo",
                "defaultBranch": "main",
                "metadata": null
            },
            "sourceBranch": {
                "branchName": "refs/heads/main",
```

```
            "headCommitId": "12345678EXAMPLE"
        },
        "definition": {
            "definition": "Name: MyDemoWorkflow\nSchemaVersion: 1.0\nRunMode: PARALLEL
\n\nActions:\n  Example1:\n    Identifier: aws/workflows-example@v1\n    Outputs:\n
   Artifacts:\n       - Name:\n            outputJar\n         Files:\n           -
 \"example.txt\"\n   Configuration:\n       Result: \"Succeed\"\n",
            "path": ".codecatalyst/workflows/MyDemoWorkflow.yaml"
        },
        "status": "ACTIVE",
        "statusReasons": [],
        "sourceBranchName": "main",
        "lastUpdatedTime": "2022-10-24T19:21:15.222Z",
        "createdTime": "2022-10-19T17:42:29.412Z",
        "latestRuns": {
            "items": [
                {
                    "workflowVersion": 3,
                    "id": "a1b2c3d4-5678-90ab-cdef-EXAMPLE22222"
                }
            ]
        }
    }
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2

- AWS SDK for .NET V4

- AWS SDK for C++

- AWS SDK for Go v2

- AWS SDK for Java V2

- AWS SDK for JavaScript V3

- AWS SDK for Kotlin

- AWS SDK for PHP V3

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListAccessTokens

Lists all personal access tokens (PATs) associated with the user who calls the API. You can only list PATs associated with your AWS Builder ID.

Request Syntax

```
POST /v1/accessTokens HTTP/1.1
Content-type: application/json

{
    "maxResults": number,
    "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a NextToken element, which you can use to obtain additional results.

Type: Integer

Valid Range: Maximum value of 10.

Required: No

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "items": [
      {
         "expiresTime": "string",
         "id": "string",
         "name": "string"
      }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

A list of personal access tokens (PATs) associated with the calling user identity.

Type: Array of AccessTokenSummary objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListAccessTokens.

Sample Request

```
POST https://codecatalyst.global.api.aws/v1/accessTokens
```

```
Host: codecatalyst.global.api.aws
Accept-Encoding: identity
User-Agent: aws-cli/2.7.31 Python/3.10.8 Darwin/21.6.0 source/x86_64 prompt/off
 command/codecatalyst.list-access-tokens
Content-Type: application/x-amz-json-1.1
Authorization: Bearer AKIAI44QH8DHBEXAMPLE
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Sat, 05 Nov 2022 13:16:05 GMT

{
    "items": [
        {
            "accessTokenId": "a1b2c3d4-5678-90ab-cdef-EXAMPLEaaaaa",
            "expiresTime": "2023-02-16T14:50:02.114Z",
            "id": "a1b2c3d4-5678-90ab-cdef-EXAMPLEaaaaa",
            "issued": "2022-02-16T14:50:03.863Z",
            "name": "marymajor-22222EXAMPLE"
        },
        {
            "accessTokenId": "a1b2c3d4-5678-90ab-cdef-EXAMPLEbbbbb",
            "expiresTime": "2023-02-16T14:50:02.114Z",
            "id": "a1b2c3d4-5678-90ab-cdef-EXAMPLEbbbbb",
            "issued": "2022-03-16T14:50:03.863Z",
            "name": "marymajor-11111EXAMPLE"
        }
    ]
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListDevEnvironments

Retrieves a list of Dev Environments in a project.

Request Syntax

```
POST /v1/spaces/spaceName/devEnvironments HTTP/1.1
Content-type: application/json

{
   "filters": [
      {
         "comparisonOperator": "string",
         "key": "string",
         "values": [ "string" ]
      }
   ],
   "maxResults": number,
   "nextToken": "string",
   "projectName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

filters

Information about filters to apply to narrow the results returned in the list.

Type: Array of Filter objects

Required: No

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
    "items": [
        {
            "alias": "string",
            "creatorId": "string",
            "id": "string",
            "ides": [
                {
                    "name": "string",
                    "runtime": "string"
                }
            ],
            "inactivityTimeoutMinutes": number,
            "instanceType": "string",
            "lastUpdatedTime": "string",
            "persistentStorage": {
                "sizeInGiB": number
            },
            "projectName": "string",
            "repositories": [
                {
                    "branchName": "string",
                    "repositoryName": "string"
                }
            ],
            "spaceName": "string",
            "status": "string",
            "statusReason": "string",
            "vpcConnectionName": "string"
        }
    ],
    "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about the Dev Environments in a project.

Type: Array of DevEnvironmentSummary objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListDevEnvironmentSessions

Retrieves a list of active sessions for a Dev Environment in a project.

Request Syntax

```
POST /v1/spaces/spaceName/projects/projectName/devEnvironments/devEnvironmentId/
sessions HTTP/1.1
Content-type: application/json

{
   "maxResults": number,
   "nextToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

devEnvironmentId

The system-generated unique ID of the Dev Environment.

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 200.

Required: No

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "items": [
      {
         "devEnvironmentId": "string",
         "id": "string",
         "projectName": "string",
         "spaceName": "string",
         "startedTime": "string"
```

```
        }
    ],
    "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about each session retrieved in the list.

Type: Array of DevEnvironmentSessionSummary objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListEventLogs

Retrieves a list of events that occurred during a specific time in a space. You can use these events to audit user and system activity in a space. For more information, see Monitoring in the *Amazon CodeCatalyst User Guide*.

> ⓘ **Note**
>
> ListEventLogs guarantees events for the last 30 days in a given space. You can also view and retrieve a list of management events over the last 90 days for Amazon CodeCatalyst in the AWS CloudTrail console by viewing Event history, or by creating a trail to create and maintain a record of events that extends past 90 days. For more information, see Working with CloudTrail Event History and Working with CloudTrail trails.

Request Syntax

```
POST /v1/spaces/spaceName/eventLogs HTTP/1.1
Content-type: application/json

{
   "endTime": "string",
   "eventName": "string",
   "maxResults": number,
   "nextToken": "string",
   "startTime": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

spaceName

   The name of the space.

   Length Constraints: Minimum length of 3. Maximum length of 63.

   Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

Request Body

The request accepts the following data in JSON format.

endTime

The time after which you do not want any events retrieved, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

Required: Yes

eventName

The name of the event.

Type: String

Required: No

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 250.

Required: No

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

startTime

The date and time when you want to start retrieving events, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "items": [
      {
         "errorCode": "string",
         "eventCategory": "string",
         "eventName": "string",
         "eventSource": "string",
         "eventTime": "string",
         "eventType": "string",
         "id": "string",
         "operationType": "string",
         "projectInformation": {
            "name": "string",
            "projectId": "string"
         },
         "requestId": "string",
         "requestPayload": {
            "contentType": "string",
            "data": "string"
         },
         "responsePayload": {
            "contentType": "string",
            "data": "string"
         },
         "sourceIpAddress": "string",
         "userAgent": "string",
         "userIdentity": {
```

```
                    "awsAccountId": "string",
                    "principalId": "string",
                    "userName": "string",
                    "userType": "string"
                }
            }
        ],
        "nextToken": "string"
    }
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about each event retrieved in the list.

Type: Array of EventLogEntry objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListEventLogs.

Sample Request

```
POST https://codecatalyst.global.api.aws/v1/ExampleCorp/eventLogs
    {
      "startTime": "2022-11-30",
      "endTime": "2022-12-01",
      "maxResults": 2,
      "nextToken": "EXAMPLE"
    }
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Fri Dec 2 2022 13:16:05 GMT

{
    "nextToken": "EXAMPLE",
    "items": [
        {
            "id": "a1b2c3d4-5678-90ab-cdef-EXAMPLE11111",
            "eventName": "listEventLogs",
            "eventType": "AwsApiCall",
            "eventCategory": "MANAGEMENT",
            "eventSource": "manage",
            "eventTime": "2022-12-01T22:47:24.605000+00:00",
            "operationType": "READONLY",
            "userIdentity": {
                "userType": "USER",
                "principalId": "a1b2c3d4e5-678fgh90-1a2b-3c4d-e5f6-EXAMPLE11111",
                "userName": "MaryMajor"
            },
            "requestId": "a1b2c3d4-5678-90ab-cdef-EXAMPLE22222",
            "requestPayload": {
                "contentType": "application/json",
                "data": "{\"spaceName\":\"ExampleCorp\",\"startTime\":
\"2022-12-01T00:00:00Z\",\"endTime\":\"2022-12-10T00:00:00Z\",\"maxResults\":\"2\"}"
            },
            "sourceIpAddress": "127.0.0.1",
            "userAgent": "aws-cli/2.9.0 Python/3.9.11 Darwin/21.3.0 exe/x86_64 prompt/
off command/codecatalyst.list-event-logs"
        },
        {
            "id": "a1b2c3d4-5678-90ab-cdef-EXAMPLEaaaaa",
            "eventName": "createProject",
            "eventType": "AwsApiCall",
            "eventCategory": "MANAGEMENT",
            "eventSource": "manage",
            "eventTime": "2022-12-01T09:15:32.068000+00:00",
            "operationType": "MUTATION",
            "userIdentity": {
                "userType": "USER",
                "principalId": "a1b2c3d4e5-678fgh90-1a2b-3c4d-e5f6-EXAMPLE11111",
                "userName": "MaryMajor"
```

```
            },
            "requestId": "a1b2c3d4-5678-90ab-cdef-EXAMPLE33333",
            "requestPayload": {
                "contentType": "application/json",
                "data": "{\"spaceName\":\"ExampleCorp\",\"name\":\"MyFirstProject\",
 \"displayName\":\"MyFirstProject\"}"
            },
            "responsePayload": {
                "contentType": "application/json",
                "data": "{\"spaceName\":\"ExampleCorp\",\"name\":\"MyFirstProject\",
 \"displayName\":\"MyFirstProject\",\"id\":\"a1b2c3d4-5678-90ab-cdef-EXAMPLE4444\"}"
            },
            "sourceIpAddress": "192.0.2.23",
            "userAgent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:102.0)
 Gecko/20100101 Firefox/102.0"
        }
    ]
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListProjects

Retrieves a list of projects.

Request Syntax

```
POST /v1/spaces/spaceName/projects HTTP/1.1
Content-type: application/json

{
   "filters": [
      {
         "comparisonOperator": "string",
         "key": "string",
         "values": [ "string" ]
      }
   ],
   "maxResults": number,
   "nextToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

filters

Information about filters to apply to narrow the results returned in the list.

Type: Array of [ProjectListFilter](#) objects

Required: No

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "items": [
      {
         "description": "string",
         "displayName": "string",
         "name": "string"
      }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about the projects.

Type: Array of ProjectSummary objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListSourceRepositories

Retrieves a list of source repositories in a project.

Request Syntax

```
POST /v1/spaces/spaceName/projects/projectName/sourceRepositories HTTP/1.1
Content-type: application/json

{
   "maxResults": number,
   "nextToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

Request Body

The request accepts the following data in JSON format.

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 200.

Required: No

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "items": [
      {
         "createdTime": "string",
         "description": "string",
         "id": "string",
         "lastUpdatedTime": "string",
         "name": "string"
      }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about the source repositories.

Type: Array of ListSourceRepositoriesItem objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListSourceRepositoryBranches

Retrieves a list of branches in a specified source repository.

Request Syntax

```
POST /v1/spaces/spaceName/projects/projectName/sourceRepositories/sourceRepositoryName/
branches HTTP/1.1
Content-type: application/json

{
   "maxResults": number,
   "nextToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

projectName

   The name of the project in the space.

   Length Constraints: Minimum length of 3. Maximum length of 63.

   Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

   Required: Yes

sourceRepositoryName

   The name of the source repository.

   Length Constraints: Minimum length of 1. Maximum length of 100.

   Pattern: (?!.*[.]git$)[\w\-.]*

   Required: Yes

spaceName

   The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "items": [
      {
         "headCommitId": "string",
```

```
            "lastUpdatedTime": "string",
            "name": "string",
            "ref": "string"
        }
    ],
    "nextToken": "string"
 }
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about the source branches.

Type: Array of ListSourceRepositoryBranchesItem objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListSpaces

Retrieves a list of spaces.

Request Syntax

```
POST /v1/spaces HTTP/1.1
Content-type: application/json

{
    "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "items": [
        {
            "description": "string",
```

```
            "displayName": "string",
            "name": "string",
            "regionName": "string"
        }
    ],
    "nextToken": "string"
 }
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about the spaces.

Type: Array of SpaceSummary objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListWorkflowRuns

Retrieves a list of workflow runs of a specified workflow.

Request Syntax

```
POST /v1/spaces/spaceName/projects/projectName/workflowRuns?
maxResults=maxResults&nextToken=nextToken&workflowId=workflowId HTTP/1.1
Content-type: application/json

{
   "sortBy": [
      {
      }
   ]
}
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Valid Range: Minimum value of 1. Maximum value of 50.

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Length Constraints: Minimum length of 1. Maximum length of 2048.

projectName

The name of the project in the space.

Length Constraints: Minimum length of 1.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

workflowId

The ID of the workflow. To retrieve a list of workflow IDs, use ListWorkflows.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Request Body

The request accepts the following data in JSON format.

sortBy

Information used to sort the items in the returned list.

Type: Array of WorkflowRunSortCriteria objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "items": [
      {
```

```
            "endTime": "string",
            "id": "string",
            "lastUpdatedTime": "string",
            "startTime": "string",
            "status": "string",
            "statusReasons": [
               {
               }
            ],
            "workflowId": "string",
            "workflowName": "string"
         }
      ],
      "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about the runs of a workflow.

Type: Array of WorkflowRunSummary objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `ListWorkflowRun` to retrieve information about a workflow with the ID *my-demo-workflow-id-123abc* in the *MyDemoProject* project that is part of the *ExampleCorp* space. The request specifies that a maximum of *5* workflow runs be returned in the response, and that the workflow runs will be sorted by the time the workflow run started. In the example response, only one workflow run is found.

Sample Request

```
POST https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject/
workflowRuns
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.list-workflow-runs
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE


{
    "workflowId": "my-demo-workflow-id-123abc"
    "nextToken": "EXAMPLE"
    "maxResults": 5
    "sortBy": {
        "key": "START_TIME"
        "direction": "ASCENDING"
    }
}
```

Sample Response

```
200 OK 642b
Content-Type: application/json; charset=utf-8
Date: Tue, 01 Aug 2023 19:31:23 GMT



{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "nextToken": "EXAMPLE"
    "totalCount": 1
    "items": [
        {
            "id": "example-workflow-run-id-123abc",
            "workflowId" "my-demo-workflow-id-123abc"
            "status": "SUCCEEDED",
            "statusReasons": []
            "startTime": "2022-10-31T16:48:41.123Z",
            "endTime": "2022-10-31T16:52:06.559Z",
            "lastUpdatedTime": "2022-10-31T16:48:35.623Z",
            "actionRuns": {
```

```
            "items": [
                {
                    "name": "myAction",
                    "status": "SUCCEEDED",
                    "id": "example-action-run-id-123abc",
                    "startTime": "2022-11-21T19:34:10.909Z",
                    "endTime": "2022-11-21T19:34:13.084Z",
                    "summary": {
                        "summaryMessage": {
                            "text": "MySummaryMessage",
                            "label": "ExampleLabel"
                        }
                    },
                    "actionRunMessages": [],
                    "outputArtifacts": [
                        {
                            "name": "MyOutputArtifact"
                        }
                    ],
                    "outputVariables": [
                        {
                            "name": "MyOutputVariable",
                            "value": "ExampleValue"
                        }
                    ]
                }
            ]
        }
    }
  ]
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListWorkflows

Retrieves a list of workflows in a specified project.

Request Syntax

```
POST /v1/spaces/spaceName/projects/projectName/workflows?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
Content-type: application/json

{
   "sortBy": [
      {
      }
   ]
}
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to show in a single call to this API. If the number of results is larger than the number you specified, the response will include a `NextToken` element, which you can use to obtain additional results.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Length Constraints: Minimum length of 1. Maximum length of 2048.

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 1.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

sortBy

Information used to sort the items in the returned list.

Type: Array of WorkflowSortCriteria objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "items": [
        {
            "createdTime": "string",
            "definition": {
                "path": "string"
            },
            "id": "string",
            "lastUpdatedTime": "string",
            "name": "string",
            "runMode": "string",
```

```
            "sourceBranchName": "string",
            "sourceRepositoryName": "string",
            "status": "string"
        }
    ],
    "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

Information about the workflows in a project.

Type: Array of WorkflowSummary objects

nextToken

A token returned from a call to this API to indicate the next batch of results to return, if any.

Type: String

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `ListWorkflows` to retrieve information about workflows in the *MyDemoProject* project that is part of the *ExampleCorp* space. The request specifies that a maximum of *5* workflows be returned in the response, and that the workflows will be sorted by the time the workflow was created. In the example response, only two workflows are found.

Sample Request

```
POST https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject/
workflows
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.list-workflows
```

```
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE


{
    "nextToken": "EXAMPLE"
    "maxResults": 5
    "sortBy": {
        "key": "START_TIME"
        "direction": "ASCENDING"
    }
}
```

Sample Response

```
200 OK 642b
Content-Type: application/json; charset=utf-8
Date: Tue, 01 Aug 2023 19:31:23 GMT



{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "nextToken": "EXAMPLE"
    "totalCount": 2
    "items": [
        {
            "id": "my-demo-workflow-id-123abc",
            "name" "MyDemoWorkflow"
            "runMode": "QUEUED",
            "sourceRepository": {
              "name": "MyDemoRepo",
              "defaultBranch": "main",
              "metadata": null
            },
            "sourceBranch": {
              "branchName": "refs/heads/main",
              "headCommitId": "12345678EXAMPLE"
            },
            "status": "ACTIVE",
            "statusReasons": [],
            "definition": {
              "path": ".codecatalyst/workflows/myWorkflowName.yaml"
```

```
            },
            "lastUpdatedTime": "2022-10-31T16:48:35.623Z",
            "createdTime": "2022-10-27T22:34:57.734Z"
        },
        {

            "id": "an-example-workflow-id-123abc",
            "name" "ADemoWorkflow"
            "runMode": "QUEUED",
            "sourceRepository": {
              "name": "MyDemoRepo",
              "defaultBranch": "main",
              "metadata": null
            },
            "sourceBranch": {
              "branchName": "refs/heads/test",
              "headCommitId": "01234567EXAMPLE"
            },
            "status": "ACTIVE",
            "statusReasons": [],
            "definition": {
              "path": ".codecatalyst/workflows/ADemoWorkflow.yaml"
            },
            "lastUpdatedTime": "2022-10-31T16:48:35.623Z",
            "createdTime": "2022-10-27T22:34:57.734Z"
        }
    ]
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartDevEnvironment

Starts a specified Dev Environment and puts it into an active state.

Request Syntax

```
PUT /v1/spaces/spaceName/projects/projectName/devEnvironments/id/start HTTP/1.1
Content-type: application/json

{
   "ides": [
      {
         "name": "string",
         "runtime": "string"
      }
   ],
   "inactivityTimeoutMinutes": number,
   "instanceType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

id

The system-generated unique ID of the Dev Environment.

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ides

Information about the integrated development environment (IDE) configured for a Dev Environment.

Type: Array of IdeConfiguration objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

inactivityTimeoutMinutes

The amount of time the Dev Environment will run without any activity detected before stopping, in minutes. Only whole integers are allowed. Dev Environments consume compute minutes when running.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1200.

Required: No

instanceType

The Amazon EC2 instace type to use for the Dev Environment.

Type: String

Valid Values: `dev.standard1.small` | `dev.standard1.medium` | `dev.standard1.large` | `dev.standard1.xlarge`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "id": "string",
   "projectName": "string",
   "spaceName": "string",
   "status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

id

The system-generated unique ID of the Dev Environment.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

status

The status of the Dev Environment.

Type: String

Valid Values: `PENDING | RUNNING | STARTING | STOPPING | STOPPED | FAILED | DELETING | DELETED`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartDevEnvironmentSession

Starts a session for a specified Dev Environment.

Request Syntax

```
PUT /v1/spaces/spaceName/projects/projectName/devEnvironments/id/session HTTP/1.1
Content-type: application/json

{
   "sessionConfiguration": {
      "executeCommandSessionConfiguration": {
         "arguments": [ "string" ],
         "command": "string"
      },
      "sessionType": "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

id

The system-generated unique ID of the Dev Environment.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

sessionConfiguration

Information about the configuration of a Dev Environment session.

Type: DevEnvironmentSessionConfiguration object

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "accessDetails": {
      "streamUrl": "string",
      "tokenValue": "string"
   },
   "id": "string",
   "projectName": "string",
   "sessionId": "string",
   "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

accessDetails

Information about connection details for a Dev Environment.

Type: DevEnvironmentAccessDetails object

id

The system-generated unique ID of the Dev Environment.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

sessionId

The system-generated unique ID of the Dev Environment session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 96.

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartWorkflowRun

Begins a run of a specified workflow.

Request Syntax

```
PUT /v1/spaces/spaceName/projects/projectName/workflowRuns?workflowId=workflowId
 HTTP/1.1
Content-type: application/json

{
    "clientToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

projectName

The name of the project in the space.

Length Constraints: Minimum length of 1.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 1.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

workflowId

The system-generated unique ID of the workflow. To retrieve a list of workflow IDs, use
ListWorkflows.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A user-specified idempotency token. Idempotency ensures that an API request completes only once. With an idempotent request, if the original request completes successfully, the subsequent retries return the result from the original successful request and have no additional effect.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "id": "string",
   "projectName": "string",
   "spaceName": "string",
   "workflowId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

id

The system-generated unique ID of the workflow run.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

workflowId

The system-generated unique ID of the workflow.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `StartWorkflowRun` to start a run of a workflow with the ID of *my-demo-workflow-id-123abc* in *MyDemoProject* project that is part of the *ExampleCorp* space.

Sample Request

```
POST https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject/
workflowRuns
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.list-workflows
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE


{
    "workflowId": "my-demo-workflow-id-123abc"
    "clientToken": "ExampleClientToken"
}
```

Sample Response

```
200 OK 642b
Content-Type: application/json; charset=utf-8
Date: Tue, 01 Aug 2023 19:31:23 GMT



{
    "spaceName": "ExampleCorp",
    "projectName": "MyDemoProject",
    "id": "example-workflow-run-id-123abc",
    "workflowId": "my-demo-workflow-id-123abc"
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the
following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

StopDevEnvironment

Pauses a specified Dev Environment and places it in a non-running state. Stopped Dev Environments do not consume compute minutes.

Request Syntax

```
PUT /v1/spaces/spaceName/projects/projectName/devEnvironments/id/stop HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The system-generated unique ID of the Dev Environment.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "id": "string",
   "projectName": "string",
   "spaceName": "string",
   "status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

id

The system-generated unique ID of the Dev Environment.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

status

The status of the Dev Environment.

Type: String

Valid Values: `PENDING | RUNNING | STARTING | STOPPING | STOPPED | FAILED | DELETING | DELETED`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StopDevEnvironmentSession

Stops a session for a specified Dev Environment.

Request Syntax

```
DELETE /v1/spaces/spaceName/projects/projectName/devEnvironments/id/session/sessionId
  HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The system-generated unique ID of the Dev Environment. To obtain this ID, use
ListDevEnvironments.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

sessionId

The system-generated unique ID of the Dev Environment session. This ID is returned by
StartDevEnvironmentSession.

Length Constraints: Minimum length of 1. Maximum length of 96.

Required: Yes

spaceName

> The name of the space.
>
> Length Constraints: Minimum length of 3. Maximum length of 63.
>
> Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`
>
> Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "id": "string",
    "projectName": "string",
    "sessionId": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

id

> The system-generated unique ID of the Dev Environment.
>
> Type: String
>
> Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

sessionId

The system-generated unique ID of the Dev Environment session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 96.

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
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- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

UpdateDevEnvironment

Changes one or more values for a Dev Environment. Updating certain values of the Dev Environment will cause a restart.

Request Syntax

```
PATCH /v1/spaces/spaceName/projects/projectName/devEnvironments/id HTTP/1.1
Content-type: application/json

{
   "alias": "string",
   "clientToken": "string",
   "ides": [
      {
         "name": "string",
         "runtime": "string"
      }
   ],
   "inactivityTimeoutMinutes": number,
   "instanceType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

id

The system-generated unique ID of the Dev Environment.

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

projectName

The name of the project in the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

alias

The user-specified alias for the Dev Environment. Changing this value will not cause a restart.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Pattern: `$|^[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

clientToken

A user-specified idempotency token. Idempotency ensures that an API request completes only once. With an idempotent request, if the original request completes successfully, the subsequent retries return the result from the original successful request and have no additional effect.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

ides

Information about the integrated development environment (IDE) configured for a Dev Environment.

Type: Array of IdeConfiguration objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

inactivityTimeoutMinutes

The amount of time the Dev Environment will run without any activity detected before stopping, in minutes. Only whole integers are allowed. Dev Environments consume compute minutes when running.

> **ⓘ Note**
>
> Changing this value will cause a restart of the Dev Environment if it is running.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1200.

Required: No

instanceType

The Amazon EC2 instace type to use for the Dev Environment.

> **ⓘ Note**
>
> Changing this value will cause a restart of the Dev Environment if it is running.

Type: String

Valid Values: `dev.standard1.small` | `dev.standard1.medium` | `dev.standard1.large` | `dev.standard1.xlarge`

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
    "alias": "string",
    "clientToken": "string",
    "id": "string",
    "ides": [
        {
            "name": "string",
            "runtime": "string"
        }
    ],
    "inactivityTimeoutMinutes": number,
    "instanceType": "string",
    "projectName": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

alias

The user-specified alias for the Dev Environment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

clientToken

A user-specified idempotency token. Idempotency ensures that an API request completes
only once. With an idempotent request, if the original request completes successfully, the
subsequent retries return the result from the original successful request and have no additional
effect.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

id

The system-generated unique ID of the Dev Environment.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

ides

Information about the integrated development environment (IDE) configured for the Dev Environment.

Type: Array of IdeConfiguration objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

inactivityTimeoutMinutes

The amount of time the Dev Environment will run without any activity detected before stopping, in minutes.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1200.

instanceType

The Amazon EC2 instace type to use for the Dev Environment.

Type: String

Valid Values: `dev.standard1.small` | `dev.standard1.medium` | `dev.standard1.large` | `dev.standard1.xlarge`

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateProject

Changes one or more values for a project.

Request Syntax

```
PATCH /v1/spaces/spaceName/projects/name HTTP/1.1
Content-type: application/json

{
   "description": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the project.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

spaceName

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the project.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Pattern: `[a-zA-Z0-9]+(?:[-_a-zA-Z0-9.,;:/\+=?&$% ])*`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "description": "string",
    "displayName": "string",
    "name": "string",
    "spaceName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

description

The description of the project.

Type: String

displayName

The friendly name of the project displayed to users in Amazon CodeCatalyst.

Type: String

name

The name of the project.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `UpdateProject` to change the value of the description of the *MyDemoProject* project to *My project for the August demonstration..*

Sample Request

```
PATCH https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp/projects/MyDemoProject
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.update-project
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE

{"description": "My project for the August demonstration."}
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
```

```
Date: Wed, 07 Jun 2023 19:43:09 GMT

{
    "spaceName": "ExampleCorp",
    "name": "MyDemoProject",
    "displayName": "My demonstration project",
    "description": "My project for the August demonstration."
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateSpace

Changes one or more values for a space.

Request Syntax

```
PATCH /v1/spaces/name HTTP/1.1
Content-type: application/json

{
   "description": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the space.

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the space.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Pattern: [a-zA-Z0-9]+(?:[-_a-zA-Z0-9.,;:/\+=?&$%])*

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "description": "string",
    "displayName": "string",
    "name": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

description

The description of the space.

Type: String

displayName

The friendly name of the space displayed to users in Amazon CodeCatalyst.

Type: String

name

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

Examples

Example

The following example illustrates using `UpdateSpace` to change the value of the description of the *ExampleCorp* space to *A place for us to work together on code.*.

Sample Request

```
PATCH https://codecatalyst.global.api.aws/v1/spaces/ExampleCorp
Host: codecatalyst.global.api.aws
User-Agent: aws-cli/2.9.12 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off command/
codecatalyst.update-space
Content-Type: application/json
Authorization: Bearer AKIAI44QH8DHBEXAMPLE

{"description": "A place for us to work together on code."}
```

Sample Response

```
200 OK 411b
Content-Type: application/json; charset=utf-8
Date: Wed, 07 Jun 2023 19:43:09 GMT

{
    "name": "ExampleCorp",
    "displayName": "Example_Corp",
    "description": "A place for us to work together on code."
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

VerifySession

Verifies whether the calling user has a valid Amazon CodeCatalyst login and session. If successful, this returns the ID of the user in Amazon CodeCatalyst.

Request Syntax

```
GET /session HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
    "identity": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

identity

The system-generated unique ID of the user in Amazon CodeCatalyst.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Errors

AccessDeniedException

The request was denied because you don't have sufficient access to perform this action. Verify that you are a member of a role that allows this action.

HTTP Status Code: 403

ConflictException

The request was denied because the requested operation would cause a conflict with the current state of a service resource associated with the request. Another user might have updated the resource. Reload, make sure you have the latest data, and then try again.

HTTP Status Code: 409

ResourceNotFoundException

The request was denied because the specified resource was not found. Verify that the spelling is correct and that you have access to the resource.

HTTP Status Code: 404

ServiceQuotaExceededException

The request was denied because one or more resources has reached its limits for the tier the space belongs to. Either reduce the number of resources, or change the tier if applicable.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request was denied because an input failed to satisfy the constraints specified by the service. Check the spelling and input requirements, and then try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The Amazon CodeCatalyst API contains several data types that various actions use. This section describes each data type in detail.

> ⓘ **Note**
>
> The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- AccessTokenSummary
- DevEnvironmentAccessDetails
- DevEnvironmentRepositorySummary
- DevEnvironmentSessionConfiguration
- DevEnvironmentSessionSummary
- DevEnvironmentSummary
- EmailAddress
- EventLogEntry
- EventPayload
- ExecuteCommandSessionConfiguration
- Filter
- Ide
- IdeConfiguration
- ListSourceRepositoriesItem
- ListSourceRepositoryBranchesItem
- PersistentStorage
- PersistentStorageConfiguration
- ProjectInformation
- ProjectListFilter
- ProjectSummary

- [RepositoryInput](#)

- [SpaceSummary](#)

- [UserIdentity](#)

- [WorkflowDefinition](#)

- [WorkflowDefinitionSummary](#)

- [WorkflowRunSortCriteria](#)

- [WorkflowRunStatusReason](#)

- [WorkflowRunSummary](#)

- [WorkflowSortCriteria](#)

- [WorkflowSummary](#)

AccessTokenSummary

Information about a specified personal access token (PAT).

Contents

id

The system-generated ID of the personal access token.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 36.

Required: Yes

name

The friendly name of the personal access token.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

expiresTime

The date and time when the personal access token will expire, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- [AWS SDK for Ruby V3](#)

DevEnvironmentAccessDetails

Information about connection details for a Dev Environment.

Contents

streamUrl

The URL used to send commands to and from the Dev Environment.

Type: String

Required: Yes

tokenValue

An encrypted token value that contains session and caller information used to authenticate the connection.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DevEnvironmentRepositorySummary

Information about the source repsitory for a Dev Environment.

Contents

repositoryName

The name of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

branchName

The name of the branch in a source repository cloned into the Dev Environment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DevEnvironmentSessionConfiguration

Information about the configuration of a Dev Environment session.

Contents

sessionType

> The type of the session.
>
> Type: String
>
> Valid Values: SSM | SSH
>
> Required: Yes

executeCommandSessionConfiguration

> Information about optional commands that will be run on the Dev Environment when the SSH session begins.
>
> Type: [ExecuteCommandSessionConfiguration](#) object
>
> Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DevEnvironmentSessionSummary

Information about active sessions for a Dev Environment.

Contents

devEnvironmentId

The system-generated unique ID of the Dev Environment.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

id

The system-generated unique ID of the Dev Environment session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 96.

Required: Yes

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

startedTime

The date and time the session started, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](#)

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DevEnvironmentSummary

Information about a Dev Environment.

Contents

creatorId

The system-generated unique ID of the user who created the Dev Environment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: Yes

id

The system-generated unique ID for the Dev Environment.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

Required: Yes

inactivityTimeoutMinutes

The amount of time the Dev Environment will run without any activity detected before stopping, in minutes. Dev Environments consume compute minutes when running.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1200.

Required: Yes

instanceType

The Amazon EC2 instace type used for the Dev Environment.

Type: String

Valid Values: `dev.standard1.small` | `dev.standard1.medium` | `dev.standard1.large` | `dev.standard1.xlarge`

Required: Yes

lastUpdatedTime

The time when the Dev Environment was last updated, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

Required: Yes

persistentStorage

Information about the configuration of persistent storage for the Dev Environment.

Type: PersistentStorage object

Required: Yes

repositories

Information about the repositories that will be cloned into the Dev Environment. If no rvalue is specified, no repository is cloned.

Type: Array of DevEnvironmentRepositorySummary objects

Required: Yes

status

The status of the Dev Environment.

Type: String

Valid Values: `PENDING` | `RUNNING` | `STARTING` | `STOPPING` | `STOPPED` | `FAILED` | `DELETING` | `DELETED`

Required: Yes

alias

The user-specified alias for the Dev Environment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: No

ides

Information about the integrated development environment (IDE) configured for a Dev Environment.

Type: Array of [Ide](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

projectName

The name of the project in the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

spaceName

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

statusReason

The reason for the status.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: No

vpcConnectionName

The name of the connection used to connect to Amazon VPC used when the Dev Environment was created, if any.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EmailAddress

Information about an email address.

Contents

email

> The email address.
>
> Type: String
>
> Required: No

verified

> Whether the email address has been verified.
>
> Type: Boolean
>
> Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EventLogEntry

Information about an entry in an event log of Amazon CodeCatalyst activity.

Contents

eventCategory

The category for the event.

Type: String

Required: Yes

eventName

The name of the event.

Type: String

Required: Yes

eventSource

The source of the event.

Type: String

Required: Yes

eventTime

The time the event took place, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](#).

Type: Timestamp

Required: Yes

eventType

The type of the event.

Type: String

Required: Yes

id

The system-generated unique ID of the event.

Type: String

Required: Yes

operationType

The type of the event.

Type: String

Valid Values: READONLY | MUTATION

Required: Yes

userIdentity

The system-generated unique ID of the user whose actions are recorded in the event.

Type: UserIdentity object

Required: Yes

errorCode

The code of the error, if any.

Type: String

Required: No

projectInformation

Information about the project where the event occurred.

Type: ProjectInformation object

Required: No

requestId

The system-generated unique ID of the request.

Type: String

Required: No

requestPayload

Information about the payload of the request.

Type: [EventPayload](#) object

Required: No

responsePayload

Information about the payload of the response, if any.

Type: [EventPayload](#) object

Required: No

sourceIpAddress

The IP address of the user whose actions are recorded in the event.

Type: String

Required: No

userAgent

The user agent whose actions are recorded in the event.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EventPayload

Information about the payload of an event recording Amazon CodeCatalyst activity.

Contents

contentType

The type of content in the event payload.

Type: String

Required: No

data

The data included in the event payload.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ExecuteCommandSessionConfiguration

Information about the commands that will be run on a Dev Environment when an SSH session begins.

Contents

command

The command used at the beginning of the SSH session to a Dev Environment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: Yes

arguments

An array of arguments containing arguments and members.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Filter

Information about a filter used to limit results of a query.

Contents

key

A key that can be used to sort results.

Type: String

Required: Yes

values

The values of the key.

Type: Array of strings

Required: Yes

comparisonOperator

The operator used to compare the fields.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Ide

Information about an integrated development environment (IDE) used in a Dev Environment.

Contents

name

The name of the IDE.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

runtime

A link to the IDE runtime image.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 400.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

IdeConfiguration

Information about the configuration of an integrated development environment (IDE) for a Dev Environment.

Contents

name

The name of the IDE. Valid values include `Cloud9`, `IntelliJ`, `PyCharm`, `GoLand`, and `VSCode`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

runtime

A link to the IDE runtime image.

> ⓘ **Note**
>
> This parameter is not required for VSCode.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 400.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListSourceRepositoriesItem

Information about a source repository returned in a list of source repositories.

Contents

createdTime

The time the source repository was created, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

Required: Yes

id

The system-generated unique ID of the source repository.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

Required: Yes

lastUpdatedTime

The time the source repository was last updated, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

Required: Yes

name

The name of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: (?!.*[.]git$)[\w\-.]*

Required: Yes

description

The description of the repository, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListSourceRepositoryBranchesItem

Information about a branch of a source repository returned in a list of branches.

Contents

headCommitId

The commit ID of the tip of the branch at the time of the request, also known as the head commit.

Type: String

Required: No

lastUpdatedTime

The time the branch was last updated, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](#).

Type: Timestamp

Required: No

name

The name of the branch.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

ref

The Git reference name of the branch.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PersistentStorage

Information about the persistent storage for a Dev Environment.

Contents

sizeInGiB

The size of the persistent storage in gigabytes (specifically GiB).

> ⓘ **Note**
>
> Valid values for storage are based on memory sizes in 16GB increments. Valid values are 16, 32, and 64.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 64.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PersistentStorageConfiguration

Information about the configuration of persistent storage for a Dev Environment.

Contents

sizeInGiB

The size of the persistent storage in gigabytes (specifically GiB).

> ⓘ **Note**
>
> Valid values for storage are based on memory sizes in 16GB increments. Valid values are 16, 32, and 64.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 64.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ProjectInformation

Information about a project in a space.

Contents

name

The name of the project in the space.

Type: String

Required: No

projectId

The system-generated unique ID of the project.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProjectListFilter

nformation about the filter used to narrow the results returned in a list of projects.

Contents

key

A key that can be used to sort results.

Type: String

Valid Values: `hasAccessTo | name`

Required: Yes

values

The values of the key.

Type: Array of strings

Required: Yes

comparisonOperator

The operator used to compare the fields.

Type: String

Valid Values: `EQ | GT | GE | LT | LE | BEGINS_WITH`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProjectSummary

Information about a project.

Contents

name

The name of the project in the space.

Type: String

Required: Yes

description

The description of the project.

Type: String

Required: No

displayName

The friendly name displayed to users of the project in Amazon CodeCatalyst.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RepositoryInput

Information about a repository that will be cloned to a Dev Environment.

Contents

repositoryName

The name of the source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

branchName

The name of the branch in a source repository.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpaceSummary

Information about an space.

Contents

name

The name of the space.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*`

Required: Yes

regionName

The AWS Region where the space exists.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 16.

Pattern: `(us(?:-gov)?|af|ap|ca|cn|eu|sa)-(central|(?:north|south)?(?:east|west)?)-(\d+)`

Required: Yes

description

The description of the space.

Type: String

Required: No

displayName

The friendly name of the space displayed to users.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UserIdentity

Information about a user whose activity is recorded in an event for a space.

Contents

principalId

The ID of the Amazon CodeCatalyst service principal.

Type: String

Required: Yes

userType

The role assigned to the user in a Amazon CodeCatalyst space or project when the event occurred.

Type: String

Valid Values: USER | AWS_ACCOUNT | UNKNOWN

Required: Yes

awsAccountId

The AWS account number of the user in AWS, if any.

Type: String

Required: No

userName

The display name of the user in Amazon CodeCatalyst.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkflowDefinition

Information about a workflow definition file.

Contents

path

The path to the workflow definition file stored in the source repository for the project, including the file name.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkflowDefinitionSummary

Information about a workflow definition.

Contents

path

> The path to the workflow definition file stored in the source repository for the project, including the file name.
>
> Type: String
>
> Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkflowRunSortCriteria

Information used to sort workflow runs in the returned list.

Contents

The members of this exception structure are context-dependent.

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkflowRunStatusReason

Information about the status of a workflow run.

Contents

The members of this exception structure are context-dependent.

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkflowRunSummary

Information about a workflow run.

Contents

id

The system-generated unique ID of the workflow run.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

Required: Yes

lastUpdatedTime

The date and time the workflow was last updated, in coordinated universal time (UTC) timestamp format as specified in RFC 3339

Type: Timestamp

Required: Yes

startTime

The date and time the workflow run began, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.

Type: Timestamp

Required: Yes

status

The status of the workflow run.

Type: String

Valid Values: SUCCEEDED | FAILED | STOPPED | SUPERSEDED | CANCELLED | NOT_RUN | VALIDATING | PROVISIONING | IN_PROGRESS | STOPPING | ABANDONED

Required: Yes

workflowId

The system-generated unique ID of the workflow.

Type: String

Pattern: `[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}`

Required: Yes

workflowName

The name of the workflow.

Type: String

Required: Yes

endTime

The date and time the workflow run ended, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](#)

Type: Timestamp

Required: No

statusReasons

The reasons for the workflow run status.

Type: Array of [WorkflowRunStatusReason](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

- [AWS SDK for Ruby V3](#)

WorkflowSortCriteria

Information used to sort workflows in the returned list.

Contents

The members of this exception structure are context-dependent.

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

WorkflowSummary

Information about a workflow.

Contents

createdTime

The date and time the workflow was created, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](RFC 3339)

Type: Timestamp

Required: Yes

definition

Information about the workflow definition file.

Type: WorkflowDefinitionSummary object

Required: Yes

id

The system-generated unique ID of a workflow.

Type: String

Pattern: [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}

Required: Yes

lastUpdatedTime

The date and time the workflow was last updated, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](RFC 3339)

Type: Timestamp

Required: Yes

name

The name of the workflow.

Type: String

Required: Yes

runMode

The run mode of the workflow.

Type: String

Valid Values: `QUEUED | PARALLEL | SUPERSEDED`

Required: Yes

sourceBranchName

The name of the branch of the source repository where the workflow definition file is stored.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

sourceRepositoryName

The name of the source repository where the workflow definition file is stored.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `(?!.*[.]git$)[\w\-.]*`

Required: Yes

status

The status of the workflow.

Type: String

Valid Values: `INVALID | ACTIVE`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)