Amazon CodeCatalyst
Welcome
API Version 2022-09-28
Amazon CodeCatalyst: Welcome
Copyright © 2023 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

Amazon's trademarks and trade dress may not be used in connection with any product or service that is not Amazon's, in any manner that is likely to cause confusion among customers, or in any manner that disparages or discredits Amazon. All other trademarks not owned by Amazon are the property of their respective owners, who may or may not be affiliated with, connected to, or sponsored by Amazon.
Table of Contents

Welcome ........................................................................................................................................................................ 1
Actions ........................................................................................................................................................................... 3
CreateAccessToken ......................................................................................................................................................... 4
  Request Syntax .......................................................................................................................................................... 4
  URI Request Parameters ......................................................................................................................................... 4
  Request Body .......................................................................................................................................................... 4
  Response Syntax ...................................................................................................................................................... 4
  Response Elements ................................................................................................................................................. 5
  Errors .................................................................................................................................................................. 5
  See Also .............................................................................................................................................................. 6
CreateDevEnvironment .................................................................................................................................................. 7
  Request Syntax ........................................................................................................................................................ 7
  URI RequestParameters ........................................................................................................................................ 7
  Request Body ........................................................................................................................................................ 8
  Response Syntax .................................................................................................................................................... 9
  Response Elements ............................................................................................................................................... 9
  Errors .................................................................................................................................................................. 10
  See Also ............................................................................................................................................................ 10
CreateProject ................................................................................................................................................................. 12
  Request Syntax ...................................................................................................................................................... 12
  URI Request Parameters ...................................................................................................................................... 12
  Request Body ....................................................................................................................................................... 12
  Response Syntax .................................................................................................................................................. 13
  Response Elements ............................................................................................................................................ 13
  Errors .................................................................................................................................................................. 13
  See Also ............................................................................................................................................................ 14
CreateSourceRepository .............................................................................................................................................. 15
  Request Syntax ..................................................................................................................................................... 15
  URI Request Parameters ..................................................................................................................................... 15
  Request Body ....................................................................................................................................................... 15
  Response Syntax .................................................................................................................................................. 16
  Response Elements ............................................................................................................................................ 16
  Errors .................................................................................................................................................................. 17
  Examples ............................................................................................................................................................ 17
  See Also ............................................................................................................................................................ 18
CreateSourceRepositoryBranch ..................................................................................................................................... 19
  Request Syntax .................................................................................................................................................... 19
  URI Request Parameters ..................................................................................................................................... 19
  Request Body ....................................................................................................................................................... 20
  Response Syntax .................................................................................................................................................. 20
  Response Elements ............................................................................................................................................ 20
  Errors .................................................................................................................................................................. 21
  See Also ............................................................................................................................................................ 21
DeleteAccessToken .......................................................................................................................................................... 22
  Request Syntax .................................................................................................................................................... 22
  URI Request Parameters ..................................................................................................................................... 22
  Request Body ....................................................................................................................................................... 22
  Response Syntax .................................................................................................................................................. 22
  Response Elements ............................................................................................................................................ 22
  Errors .................................................................................................................................................................. 22
  Examples ............................................................................................................................................................ 22
  See Also ............................................................................................................................................................ 23
DeleteDevEnvironment .................................................................................................................................................. 25
  Request Syntax .................................................................................................................................................... 25
ListAccessTokens

Request Syntax .................................................................................................................. 50
URI Request Parameters ....................................................................................................... 50
Request Body .......................................................................................................................... 50
Response Syntax .................................................................................................................... 50
Response Elements .............................................................................................................. 51
Errors ..................................................................................................................................... 51
See Also .................................................................................................................................. 51

GetSpace

Request Syntax ....................................................................................................................... 53
URI Request Parameters ....................................................................................................... 53
Request Body .......................................................................................................................... 53
Response Syntax .................................................................................................................... 53
Response Elements .............................................................................................................. 53
Errors ..................................................................................................................................... 54
See Also .................................................................................................................................. 55

GetSubscription

Request Syntax ....................................................................................................................... 56
URI Request Parameters ....................................................................................................... 56
Request Body .......................................................................................................................... 56
Response Syntax .................................................................................................................... 56
Response Elements .............................................................................................................. 56
Errors ..................................................................................................................................... 57
See Also .................................................................................................................................. 57

GetUserDetails

Request Syntax ....................................................................................................................... 59
URI Request Parameters ....................................................................................................... 59
Request Body .......................................................................................................................... 59
Response Syntax .................................................................................................................... 59
Response Elements .............................................................................................................. 59
Errors ..................................................................................................................................... 60
See Also .................................................................................................................................. 61

ListAccessTokens

Request Syntax ....................................................................................................................... 62
URI Request Parameters ....................................................................................................... 62
Request Body .......................................................................................................................... 62
Response Syntax .................................................................................................................... 62
Response Elements .............................................................................................................. 63
Errors ..................................................................................................................................... 63
Examples .................................................................................................................................. 64
See Also .................................................................................................................................. 64

ListDevEnvironments

Request Syntax ....................................................................................................................... 66
URI Request Parameters ....................................................................................................... 66
Request Body .......................................................................................................................... 66
Response Syntax .................................................................................................................... 67
Response Elements .............................................................................................................. 68
Errors ..................................................................................................................................... 68
See Also .................................................................................................................................. 69

ListDevEnvironmentSessions

Request Syntax ....................................................................................................................... 70
URI Request Parameters ....................................................................................................... 70
Request Body .......................................................................................................................... 70
Response Syntax .................................................................................................................... 71
Response Elements .............................................................................................................. 71
Errors ..................................................................................................................................... 71
<table>
<thead>
<tr>
<th>Data Type</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AccessTokenSummary</td>
<td>119</td>
</tr>
<tr>
<td>Contents</td>
<td>119</td>
</tr>
<tr>
<td>See Also</td>
<td>119</td>
</tr>
<tr>
<td>DevEnvironmentAccessDetails</td>
<td>120</td>
</tr>
<tr>
<td>Contents</td>
<td>120</td>
</tr>
</tbody>
</table>

StopDevEnvironment ................................................................. 98
Request Syntax ................................................................. 98
URI Request Parameters .................................................. 98
Request Body ................................................................. 98
Response Syntax ............................................................. 98
Response Elements ........................................................... 99
Errors ................................................................. 99
See Also ................................................................. 100

StopDevEnvironmentSession .................................................. 101
Request Syntax ............................................................. 101
URI Request Parameters .................................................. 101
Request Body ................................................................. 101
Response Syntax ............................................................. 102
Response Elements ........................................................... 102
Errors ................................................................. 102
See Also ................................................................. 103

UpdateDevEnvironment .......................................................... 104
Request Syntax ............................................................. 104
URI Request Parameters .................................................. 104
Request Body ................................................................. 104
Response Syntax ............................................................. 106
Response Elements ........................................................... 106
Errors ................................................................. 107
See Also ................................................................. 108

UpdateProject ................................................................. 109
Request Syntax ............................................................. 109
URI Request Parameters .................................................. 109
Request Body ................................................................. 109
Response Syntax ............................................................. 109
Response Elements ........................................................... 110
Errors ................................................................. 110
Examples ................................................................. 111
See Also ................................................................. 112

UpdateSpace ................................................................. 113
Request Syntax ............................................................. 113
URI Request Parameters .................................................. 113
Request Body ................................................................. 113
Response Syntax ............................................................. 113
Response Elements ........................................................... 114
Errors ................................................................. 114
Examples ................................................................. 115
See Also ................................................................. 115

VerifySession ................................................................. 116
Request Syntax ............................................................. 116
URI Request Parameters .................................................. 116
Request Body ................................................................. 116
Response Syntax ............................................................. 116
Response Elements ........................................................... 116
Errors ................................................................. 116
See Also ................................................................. 117

API Version 2022-09-28
vii
<table>
<thead>
<tr>
<th>See Also</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>DevEnvironmentRepositorySummary</td>
<td>121</td>
</tr>
<tr>
<td>Contents</td>
<td>121</td>
</tr>
<tr>
<td>See Also</td>
<td>121</td>
</tr>
<tr>
<td>DevEnvironmentSessionConfiguration</td>
<td>122</td>
</tr>
<tr>
<td>Contents</td>
<td>122</td>
</tr>
<tr>
<td>See Also</td>
<td>122</td>
</tr>
<tr>
<td>DevEnvironmentSessionSummary</td>
<td>123</td>
</tr>
<tr>
<td>Contents</td>
<td>123</td>
</tr>
<tr>
<td>See Also</td>
<td>123</td>
</tr>
<tr>
<td>DevEnvironmentSummary</td>
<td>125</td>
</tr>
<tr>
<td>Contents</td>
<td>125</td>
</tr>
<tr>
<td>See Also</td>
<td>127</td>
</tr>
<tr>
<td>EmailAddress</td>
<td>128</td>
</tr>
<tr>
<td>Contents</td>
<td>128</td>
</tr>
<tr>
<td>See Also</td>
<td>128</td>
</tr>
<tr>
<td>EventLogEntry</td>
<td>129</td>
</tr>
<tr>
<td>Contents</td>
<td>129</td>
</tr>
<tr>
<td>See Also</td>
<td>130</td>
</tr>
<tr>
<td>EventPayload</td>
<td>132</td>
</tr>
<tr>
<td>Contents</td>
<td>132</td>
</tr>
<tr>
<td>See Also</td>
<td>132</td>
</tr>
<tr>
<td>ExecuteCommandSessionConfiguration</td>
<td>133</td>
</tr>
<tr>
<td>Contents</td>
<td>133</td>
</tr>
<tr>
<td>See Also</td>
<td>133</td>
</tr>
<tr>
<td>Filter</td>
<td>134</td>
</tr>
<tr>
<td>Contents</td>
<td>134</td>
</tr>
<tr>
<td>See Also</td>
<td>134</td>
</tr>
<tr>
<td>Ide</td>
<td>135</td>
</tr>
<tr>
<td>Contents</td>
<td>135</td>
</tr>
<tr>
<td>See Also</td>
<td>135</td>
</tr>
<tr>
<td>IdeConfiguration</td>
<td>136</td>
</tr>
<tr>
<td>Contents</td>
<td>136</td>
</tr>
<tr>
<td>See Also</td>
<td>136</td>
</tr>
<tr>
<td>ListSourceRepositoriesItem</td>
<td>137</td>
</tr>
<tr>
<td>Contents</td>
<td>137</td>
</tr>
<tr>
<td>See Also</td>
<td>137</td>
</tr>
<tr>
<td>ListSourceRepositoryBranchesItem</td>
<td>139</td>
</tr>
<tr>
<td>Contents</td>
<td>139</td>
</tr>
<tr>
<td>See Also</td>
<td>139</td>
</tr>
<tr>
<td>PersistentStorage</td>
<td>140</td>
</tr>
<tr>
<td>Contents</td>
<td>140</td>
</tr>
<tr>
<td>See Also</td>
<td>140</td>
</tr>
<tr>
<td>PersistentStorageConfiguration</td>
<td>141</td>
</tr>
<tr>
<td>Contents</td>
<td>141</td>
</tr>
<tr>
<td>See Also</td>
<td>141</td>
</tr>
<tr>
<td>ProjectInformation</td>
<td>142</td>
</tr>
<tr>
<td>Contents</td>
<td>142</td>
</tr>
<tr>
<td>See Also</td>
<td>142</td>
</tr>
<tr>
<td>ProjectListFilter</td>
<td>143</td>
</tr>
<tr>
<td>Contents</td>
<td>143</td>
</tr>
<tr>
<td>See Also</td>
<td>143</td>
</tr>
<tr>
<td>ProjectSummary</td>
<td>144</td>
</tr>
<tr>
<td>Contents</td>
<td>144</td>
</tr>
<tr>
<td>See Also</td>
<td>144</td>
</tr>
<tr>
<td>RepositoryInput</td>
<td>145</td>
</tr>
<tr>
<td>Contents</td>
<td>145</td>
</tr>
</tbody>
</table>
Welcome

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 (p. 35)**, which deletes a space.
- **GetSpace (p. 53)**, which returns information about a space.
- **GetSubscription (p. 56)**, which returns information about the AWS account used for billing purposes and the billing plan for the space.
- **ListSpaces (p. 87)**, which retrieves a list of spaces.
- **UpdateSpace (p. 113)**, which changes one or more values for a space.

Projects, by calling the following:

- **CreateProject (p. 12)** which creates a project in a specified space.
- **GetProject (p. 43)**, which returns information about a project.
- **ListProjects (p. 78)**, which retrieves a list of projects in a space.

Users, by calling the following:

- **GetUserDetails (p. 59)**, which returns information about a user in Amazon CodeCatalyst.

Source repositories, by calling the following:

- **CreateSourceRepository (p. 15)**, which creates an empty Git-based source repository in a specified project.
- **CreateSourceRepositoryBranch (p. 19)**, which creates a branch in a specified repository where you can work on code.
- **DeleteSourceRepository (p. 31)**, which deletes a source repository.
- **GetSourceRepository (p. 46)**, which returns information about a source repository.
- **GetSourceRepositoryCloneUrls (p. 50)**, which returns information about the URLs that can be used with a Git client to clone a source repository.
- **ListSourceRepositories (p. 81)**, which retrieves a list of source repositories in a project.
- **ListSourceRepositoryBranches (p. 84)**, which retrieves a list of branches in a source repository.

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

- **CreateDevEnvironment (p. 7)**, which creates a Dev Environment, where you can quickly work on the code stored in the source repositories of your project.
- **DeleteDevEnvironment (p. 25)**, which deletes a Dev Environment.
- **GetDevEnvironment (p. 38)**, which returns information about a Dev Environment.
- **ListDevEnvironments (p. 66)**, which retrieves a list of Dev Environments in a project.
- **ListDevEnvironmentSessions (p. 70)**, which retrieves a list of active Dev Environment sessions in a project.
• **StartDevEnvironment** *(p. 90)*, which starts a specified Dev Environment and puts it into an active state.

• **StartDevEnvironmentSession** *(p. 94)*, which starts a session to a specified Dev Environment.

• **StopDevEnvironment** *(p. 98)*, which stops a specified Dev Environment and puts it into an stopped state.

• **StopDevEnvironmentSession** *(p. 101)*, which stops a session for a specified Dev Environment.

• **UpdateDevEnvironment** *(p. 104)*, which changes one or more values for a Dev Environment.

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

• **CreateAccessToken** *(p. 4)*, which creates a personal access token (PAT) for the current user.

• **DeleteAccessToken** *(p. 22)*, which deletes a specified personal access token (PAT).

• **ListAccessTokens** *(p. 62)*, which lists all personal access tokens (PATs) associated with a user.

• **ListEventLogs** *(p. 73)*, which retrieves a list of events that occurred during a specified time period in a space.

• **VerifySession** *(p. 116)*, 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 November 3, 2023.
Actions

The following actions are supported:

- CreateAccessToken (p. 4)
- CreateDevEnvironment (p. 7)
- CreateProject (p. 12)
- CreateSourceRepository (p. 15)
- CreateSourceRepositoryBranch (p. 19)
- DeleteAccessToken (p. 22)
- DeleteDevEnvironment (p. 25)
- DeleteProject (p. 28)
- DeleteSourceRepository (p. 31)
- DeleteSpace (p. 35)
- GetDevEnvironment (p. 38)
- GetProject (p. 43)
- GetSourceRepository (p. 46)
- GetSourceRepositoryCloneUrls (p. 50)
- GetSpace (p. 53)
- GetSubscription (p. 56)
- GetUserDetails (p. 59)
- ListAccessTokens (p. 62)
- ListDevEnvironments (p. 66)
- ListDevEnvironmentSessions (p. 70)
- ListEventLogs (p. 73)
- ListProjects (p. 78)
- ListSourceRepositories (p. 81)
- ListSourceRepositoryBranches (p. 84)
- ListSpaces (p. 87)
- StartDevEnvironment (p. 90)
- StartDevEnvironmentSession (p. 94)
- StopDevEnvironment (p. 98)
- StopDevEnvironmentSession (p. 101)
- UpdateDevEnvironment (p. 104)
- UpdateProject (p. 109)
- UpdateSpace (p. 113)
- VerifySession (p. 116)
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

```plaintext
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 (p. 4)

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 (p. 4)

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

```plaintext
{
    "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 (p. 4)**

The system-generated unique ID of the access token.

Type: String


**expiresTime (p. 4)**

The date and time the personal access token expires, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](https://tools.ietf.org/html/rfc3339). If not specified, the default is one year from creation.

Type: Timestamp

**name (p. 4)**

The friendly name of the personal access token.

Type: String

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

**secret (p. 4)**

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

**ServiceQuotaExceeded Exception**

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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"
      }
   ]
}
```

**URI Request Parameters**

The request uses the following URI parameters.

- **projectName (p. 7)**
  The name of the project in the space.
  Pattern: [a-zA-Z0-9-]+(?:[-_\.[a-zA-Z0-9-]+]*
  Required: Yes

- **spaceName (p. 7)**
  The name of the space.
  Pattern: [a-zA-Z0-9-]+(?:[-_\.[a-zA-Z0-9-]+)*
  Required: Yes
Request Body

The request accepts the following data in JSON format.

**alias (p. 7)**

The user-defined alias for a Dev Environment.

Type: String


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

Required: No

**clientToken (p. 7)**

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


Required: No

**ides (p. 7)**

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 (p. 136)` objects

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

Required: No

**inactivityTimeoutMinutes (p. 7)**

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 (p. 7)**

The Amazon EC2 instance 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 (p. 7)**

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 (p. 141) object

Required: Yes

**repositories (p. 7)**

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

Type: Array of RepositoryInput (p. 145) objects

Required: No

---

**Response Syntax**

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

{
  "id": "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.

**id (p. 9)**

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 (p. 9)**

The name of the project in the space.

Type: String


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

**spaceName (p. 9)**

The name of the space.
Type: String
Pattern: \[a-zA-Z0-9\]+(?:[-_\.]\[a-zA-Z0-9\-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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
Amazon CodeCatalyst Welcome

See Also

- AWS SDK for JavaScript
- 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 (p. 12)**

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

**description (p. 12)**

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 (p. 12)**

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

Type: String


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

Required: Yes

API Version 2022-09-28
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 (p. 13)
  The description of the project.
  Type: String

displayName (p. 13)
  The friendly name of the project.
  Type: String

name (p. 13)
  The name of the project in the space.
  Type: String
  Pattern: [a-zA-Z0-9-]+(?:[\-\._][a-zA-Z0-9-]+)*

spaceName (p. 13)
  The name of the space.
  Type: String
  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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- 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 (p. 15)**

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 (p. 15)**

The name of the project in the space.


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

Required: Yes

**spaceName (p. 15)**

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

**description (p. 15)**

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 (p. 16)

The description of the source repository.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 255.

name (p. 16)

The name of the source repository.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 100.

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

projectName (p. 16)

The name of the project in the space.
Type: String

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

spaceName (p. 16)

The name of the space.
Type: String

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 AKIAI44QH8DHEXAMPLE
```
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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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**

```plaintext
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 (p. 19)**

The name for the branch you're creating.

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

Required: Yes

**projectName (p. 19)**

The name of the project in the space.


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

Required: Yes

**sourceRepositoryName (p. 19)**

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 (p. 19)**

The name of the space.


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

Required: Yes
Request Body

The request accepts the following data in JSON format.

headCommitId (p. 19)

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 (p. 20)

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

Type: String

lastUpdatedTime (p. 20)

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

Type: Timestamp

name (p. 20)

The name of the newly created branch.

Type: String

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

ref (p. 20)

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3
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` *(p. 22)*

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` *(p. 62)*.


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

API Version 2022-09-28
Examples

Example

The following example illustrates using DeleteAccessToken to delete the personal access token with the ID of a1b2c3d4-5678-90ab-cdef-EXAMPLEbbbb. To get the ID of a personal access token, use ListAccessTokens (p. 62).

Sample Request

DELETE https://codecatalyst.global.api.aws/v1/accessTokens/a1b2c3d4-5678-90ab-cdef-EXAMPLEbbbb
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:
See Also

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 25)**

The system-generated unique ID of the Dev Environment you want to delete. To retrieve a list of Dev Environment IDs, use ListDevEnvironments (p. 66).

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 (p. 25)**

The name of the project in the space.


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

Required: Yes

**spaceName (p. 25)**

The name of the space.


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

API Version 2022-09-28

25
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 (p. 25)**

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 (p. 25)**

The name of the project in the space.

Type: String


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

**spaceName (p. 25)**

The name of the space.

Type: String


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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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 (p. 28)

The name of the project in the space. To retrieve a list of project names, use ListProjects (p. 78).


Pattern: [a-zA-Z0-9-]*[\-_.][a-zA-Z0-9-]*

Required: Yes

spaceName (p. 28)

The name of the space.


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 (p. 28)

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

Type: String

name (p. 28)

The name of the project in the space.

Type: String


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

spaceName (p. 28)

The name of the space.

Type: String


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
**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 AKIAI44QH8DHIMPORT
```

**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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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** *(p. 31)*
  - The name of the source repository.
  - Pattern: (?!.*[.]git$)[\w\-\.]*
  - Required: Yes

- **projectName** *(p. 31)*
  - The name of the project in the space.
  - Pattern: [a-zA-Z0-9]+(?:[-\_.][a-zA-Z0-9]+)*
  - Required: Yes

- **spaceName** *(p. 31)*
  - The name of the space.
  - 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",
}
```

API Version 2022-09-28
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 (p. 31)

The name of the repository.

Type: String

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

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

projectName (p. 31)

The name of the project in the space.

Type: String


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

spaceName (p. 31)

The name of the space.

Type: String


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**

```bash
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**
• **AWS SDK for .NET**
• **AWS SDK for C++**
• **AWS SDK for Go**
• **AWS SDK for Java V2**
• **AWS SDK for JavaScript**
• **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 (p. 35)**

The name of the space. To retrieve a list of space names, use [ListSpaces (p. 87)](#).

- 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 (p. 35)**

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

- Type: String

**name (p. 35)**

The name of the space.
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
```
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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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 (p. 38)**

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 (p. 66).

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 (p. 38)**

The name of the project in the space.


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

Required: Yes

**spaceName (p. 38)**

The name of the space.


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"

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 (p. 38)**

The user-specified alias for the Dev Environment.

Type: String

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

**creatorId (p. 38)**

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 (p. 38)**

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 (p. 38)**

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

Type: Array of **Ide (p. 135)** objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.
inactivityTimeoutMinutes (p. 38)
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 (p. 38)
The Amazon EC2 instance type to use for the Dev Environment.
Type: String
Valid Values: dev.standard1.small | dev.standard1.medium | dev.standard1.large | dev.standard1.xlarge

lastUpdatedTime (p. 38)
The time when the Dev Environment was last updated, in coordinated universal time (UTC) timestamp format as specified in RFC 3339.
Type: Timestamp

persistentStorage (p. 38)
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 (p. 140) object

projectName (p. 38)
The name of the project in the space.
Type: String
Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

repositories (p. 38)
The source repository that contains the branch cloned into the Dev Environment.
Type: Array of DevEnvironmentRepositorySummary (p. 121) objects

spaceName (p. 38)
The name of the space.
Type: String
Pattern: [a-zA-Z0-9]+(?:[-_\.][a-zA-Z0-9]+)*

status (p. 38)
The current status of the Dev Environment.
Type: String
Valid Values: PENDING | RUNNING | STARTING | STOPPING | STOPPED | FAILED | DELETING | DELETED
statusReason (p. 38)

The reason for the status.

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

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
See Also

- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 43)

The name of the project in the space.


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

Required: Yes

spaceName (p. 43)

The name of the space.


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 (p. 43)**

The description of the project.

Type: String

**displayName (p. 43)**

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

Type: String

**name (p. 43)**

The name of the project in the space.

Type: String

**spaceName (p. 43)**

The name of the space.

Type: String


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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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 (p. 46)

The name of the source repository.

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

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

Required: Yes

projectName (p. 46)

The name of the project in the space.


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

Required: Yes

spaceName (p. 46)

The name of the space.


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",
}
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 (p. 46)**

The time the source repository was created, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](https://tools.ietf.org/html/rfc3339).

Type: Timestamp

**description (p. 46)**

The description of the source repository.

Type: String

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

**lastUpdatedTime (p. 46)**

The time the source repository was last updated, in coordinated universal time (UTC) timestamp format as specified in [RFC 3339](https://tools.ietf.org/html/rfc3339).

Type: Timestamp

**name (p. 46)**

The name of the source repository.

Type: String

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

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

**projectName (p. 46)**

The name of the project in the space.

Type: String


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

**spaceName (p. 46)**

The name of the space.

Type: String


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

AccessException

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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** (p. 50)
  - The name of the project in the space.
  - Pattern: `[a-zA-Z0-9-]+(?:[-_\.][a-zA-Z0-9-]+)*`
  - Required: Yes

- **sourceRepositoryName** (p. 50)
  - The name of the source repository.
  - Pattern: `(?!.*[.].git$)[\w\-\.]`
  - Required: Yes

- **spaceName** (p. 50)
  - The name of the space.
  - 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 (p. 50)

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
• AWS SDK for .NET
• AWS SDK for C++
• AWS SDK for Go
• AWS SDK for Java V2
• AWS SDK for JavaScript
• 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 (p. 53)**

The name of the space.


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 (p. 53)**

The description of the space.

Type: String

**displayName (p. 53)**

The friendly name of the space displayed to users.
Type: String

**name (p. 53)**

The name of the space.

Type: String


**regionName (p. 53)**

The AWS Region where the space exists.

Type: String


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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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** *(p. 56)*

The name of the space.


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

```json
{
  "awsAccountName": "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** *(p. 56)*

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

Type: String


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

**subscriptionType** *(p. 56)*

The type of the billing plan for the space.
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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 59)**

The system-generated unique ID of the user.

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

**userName (p. 59)**

The name of the user as displayed in Amazon CodeCatalyst.


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 (p. 59)**

The friendly name displayed for the user in Amazon CodeCatalyst.
Type: String

**primaryEmail (p. 59)**
The email address provided by the user when they signed up.

Type: EmailAddress (p. 128) object

**userId (p. 59)**
The system-generated unique ID of the user.

Type: String

**userName (p. 59)**
The name of the user as displayed in Amazon CodeCatalyst.

Type: String

**version (p. 59)**

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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

```json
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 (p. 62)**

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 (p. 62)**

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

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

{
    "items": [
        {
            "expiresTime": "string",
            "id": "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.

items (p. 62)

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

Type: Array of AccessTokenSummary (p. 119) objects

nextToken (p. 62)

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.

API Version 2022-09-28
Examples

Example

This example illustrates one usage of ListAccessTokens.

Sample Request

```plaintext
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 AKIAI44QH8DHEXAMPLE
```

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](https://aws.amazon.com/cli/)
- [AWS SDK for .NET](https://docs.aws.amazon.com/sdkfor-net/v3/)
- [AWS SDK for C++](https://aws.amazon.com/sdk-for-cpp/)
- [AWS SDK for Go](https://aws.amazon.com/sdk-for-go/)
- [AWS SDK for Java V2](https://docs.aws.amazon.com/java/sdk-for-java/v2/)
- [AWS SDK for JavaScript](https://docs.aws.amazon.com/js-sdk/latest/)
- [AWS SDK for PHP V3](https://aws.amazon.com/sdk-for-php/)
- [AWS SDK for Python](https://aws.amazon.com/sdk-for-python/)

API Version 2022-09-28
• AWS SDK for Ruby V3
ListDevEnvironments

Retrieves a list of Dev Environments in a project.

Request Syntax

```
POST /v1/spaces/\{spaceName\}/projects/\{projectName\}/devEnvironments 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.

**projectName (p. 66)**

The name of the project in the space.


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

Required: Yes

**spaceName (p. 66)**

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

**filters (p. 66)**

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

Type: Array of `Filter (p. 134)` objects

Required: No
maxResults (p. 66)

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


Required: No

nextToken (p. 66)

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

```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"
    }
  ],
  "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 (p. 67)**

Information about the Dev Environments in a project.

Type: Array of [DevEnvironmentSummary](p. 125) objects

**nextToken (p. 67)**

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 70)**

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 (p. 70)**

The name of the project in the space.


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

Required: Yes

**spaceName (p. 70)**

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

**maxResults (p. 70)**

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.

API Version 2022-09-28
**Response Syntax**

```json
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 (p. 71)`
  Information about each session retrieved in the list.

  Type: Array of `DevEnvironmentSessionSummary (p. 123)` objects

- `nextToken (p. 71)`
  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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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

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

URI Request Parameters

The request uses the following URI parameters.

**spaceName (p. 73)**

The name of the space.

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

Request Body

The request accepts the following data in JSON format.

**endTime (p. 73)**

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 (p. 73)**

The name of the event.
Type: String
Required: No

maxResults (p. 73)
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
Required: No

nextToken (p. 73)
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 (p. 73)
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"
    }
  }]
}
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 (p. 74)**

Information about each event retrieved in the list.

Type: Array of EventLogEntry (p. 129) objects

**nextToken (p. 74)**

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"
    }
  ]
}
```

API Version 2022-09-28
See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 78)

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

filters (p. 78)

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

Type: Array of ProjectListFilter (p. 143) objects

Required: No

maxResults (p. 78)

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 (p. 78)**

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 (p. 79)**
  
  Information about the projects.
  
  Type: Array of `ProjectSummary (p. 144)` objects

- **nextToken (p. 79)**

  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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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

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

**URI Request Parameters**

The request uses the following URI parameters.

**projectName (p. 81)**

The name of the project in the space.


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

Required: Yes

**spaceName (p. 81)**

The name of the space.


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

Required: Yes

**Request Body**

The request accepts the following data in JSON format.

**maxResults (p. 81)**

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


Required: No

**nextToken (p. 81)**

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

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 (p. 82)**
Information about the source repositories.
Type: Array of ListSourceRepositoriesItem (p. 137) objects

**nextToken (p. 82)**
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

API Version 2022-09-28
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

ServiceQuotaExceeded Exception

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 84)**

The name of the project in the space.


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

Required: Yes

**sourceRepositoryName (p. 84)**

The name of the source repository.

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

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

Required: Yes

**spaceName (p. 84)**

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

**maxResults (p. 84)**

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


Required: No

nextToken (p. 84)

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 (p. 85)

Information about the source branches.

Type: Array of ListSourceRepositoryBranchesItem (p. 139) objects

nextToken (p. 85)

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

API Version 2022-09-28
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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 87)

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 (p. 87)

Information about the spaces.

Type: Array of SpaceSummary (p. 146) objects

nextToken (p. 87)

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
- AWS SDK for .NET
• AWS SDK for C++
• AWS SDK for Go
• AWS SDK for Java V2
• AWS SDK for JavaScript
• 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 (p. 90)**

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 (p. 90)**

The name of the project in the space.


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

Required: Yes

**spaceName (p. 90)**

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

API Version 2022-09-28
ides (p. 90)

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

Type: Array of IdeConfiguration (p. 136) objects

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

Required: No

inactivityTimeoutMinutes (p. 90)

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 (p. 90)

The Amazon EC2 instance 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 (p. 91)

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 (p. 91)**

The name of the project in the space.

Type: String


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

**spaceName (p. 91)**

The name of the space.

Type: String


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

**status (p. 91)**

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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**

```plaintext
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 (p. 94)**
  - 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 (p. 94)**
  - The name of the project in the space.
  - Pattern: [a-zA-Z0-9-]+(?:[-_.][a-zA-Z0-9-]+)*
  - Required: Yes

- **spaceName (p. 94)**
  - The name of the space.
  - Pattern: [a-zA-Z0-9-]+(?:[-_.][a-zA-Z0-9-]+)*
  - Required: Yes

**Request Body**

The request accepts the following data in JSON format.

- **sessionConfiguration (p. 94)**
  - Information about the configuration of a Dev Environment session.
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 (p. 95)**

Information about connection details for a Dev Environment.

Type: DevEnvironmentAccessDetails (p. 120) object

**id (p. 95)**

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 (p. 95)**

The name of the project in the space.

Type: String


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

**sessionId (p. 95)**

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

Type: String


**spaceName (p. 95)**

The name of the space.
Type: String
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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
• AWS SDK for JavaScript
• 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 (p. 98)**
  
  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 (p. 98)**
  
  The name of the project in the space.
  
  
  Pattern: \[a-zA-Z0-9\]+(?:[-_\.][a-zA-Z0-9\-9]+)*
  
  Required: Yes

- **spaceName (p. 98)**
  
  The name of the space.
  
  
  Pattern: \[a-zA-Z0-9\]+(?:[-_\.][a-zA-Z0-9\-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 (p. 98)**

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 (p. 98)**

The name of the project in the space.

Type: String


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

**spaceName (p. 98)**

The name of the space.

Type: String


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

**status (p. 98)**

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 101)

The system-generated unique ID of the Dev Environment. To obtain this ID, use ListDevEnvironments (p. 66).

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 (p. 101)

The name of the project in the space.


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

Required: Yes

sessionId (p. 101)

The system-generated unique ID of the Dev Environment session. This ID is returned by StartDevEnvironmentSession (p. 94).


Required: Yes

spaceName (p. 101)

The name of the space.


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

```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 (p. 102)**

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 (p. 102)**

The name of the project in the space.

Type: String


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

**sessionId (p. 102)**

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

Type: String


**spaceName (p. 102)**

The name of the space.

Type: String


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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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** *(p. 104)*

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** *(p. 104)*

The name of the project in the space.


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

Required: Yes

**spaceName** *(p. 104)*

The name of the space.


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

Required: Yes

Request Body

The request accepts the following data in JSON format.

API Version 2022-09-28

104
**alias (p. 104)**

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: $|^\-[\-_.][a-zA-Z0-9]+*$

Required: No

**clientToken (p. 104)**

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


Required: No

**ides (p. 104)**

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

Type: Array of IdeConfiguration (p. 136) objects

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

Required: No

**inactivityTimeoutMinutes (p. 104)**

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 (p. 104)**

The Amazon EC2 instance 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 (p. 106)**

The user-specified alias for the Dev Environment.

Type: String


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

**clientToken (p. 106)**

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


**id (p. 106)**

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 (p. 106)**

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

Type: Array of IdeConfiguration (p. 136) objects
Array Members: Minimum number of 0 items. Maximum number of 1 item.

**inactivityTimeoutMinutes (p. 106)**

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 (p. 106)**

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

Type: String

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

**projectName (p. 106)**

The name of the project in the space.

Type: String


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

**spaceName (p. 106)**

The name of the space.

Type: String


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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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 (p. 109)**
- The name of the project.
  - Pattern: `[a-zA-Z0-9-]+(?:[-_\.][a-zA-Z0-9-]+)*`
  - Required: Yes

**spaceName (p. 109)**
- The name of the space.
  - Pattern: `[a-zA-Z0-9-]+(?:[-_\.][a-zA-Z0-9-]+)*`
  - Required: Yes

Request Body

The request accepts the following data in JSON format.

**description (p. 109)**
- 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
```

API Version 2022-09-28
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 (p. 109)

The description of the project.

Type: String
displayName (p. 109)

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

Type: String

name (p. 109)

The name of the project.

Type: String


Pattern: [a-zA-Z0-9]+(?:[-_.][a-zA-Z0-9]+)*
spaceName (p. 109)

The name of the space.

Type: String


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 AKIAI44QH8DHEXAMPLE

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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 (p. 113)

The name of the space.
Pattern: [a-zA-Z0-9-]+(?:[-_.][a-zA-Z0-9-]+)*
Required: Yes

Request Body

The request accepts the following data in JSON format.

description (p. 113)

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 (p. 113)

The description of the space.

Type: String

displayName (p. 113)

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

Type: String

name (p. 113)

The name of the space.

Type: String


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

ServiceQuotaExceedededException

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**

```bash
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 AKIAI44Q8H8DHBEXAMPLE

{"description": "A place for us to work together on code."}
```

**Sample Response**

```json
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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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**

```plaintext
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**

```plaintext
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 (p. 116)**

The system-generated unique ID of the user in Amazon CodeCatalyst.

- 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.

API Version 2022-09-28

116
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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [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` (p. 119)
- `DevEnvironmentAccessDetails` (p. 120)
- `DevEnvironmentRepositorySummary` (p. 121)
- `DevEnvironmentSessionConfiguration` (p. 122)
- `DevEnvironmentSessionSummary` (p. 123)
- `DevEnvironmentSummary` (p. 125)
- `EmailAddress` (p. 128)
- `EventLogEntry` (p. 129)
- `EventPayload` (p. 132)
- `ExecuteCommandSessionConfiguration` (p. 133)
- `Filter` (p. 134)
- `Ide` (p. 135)
- `IdeConfiguration` (p. 136)
- `ListSourceRepositoriesItem` (p. 137)
- `ListSourceRepositoryBranchesItem` (p. 139)
- `PersistenStorage` (p. 140)
- `PersistenStorageConfiguration` (p. 141)
- `ProjectInformation` (p. 142)
- `ProjectListFilter` (p. 143)
- `ProjectSummary` (p. 144)
- `RepositoryInput` (p. 145)
- `SpaceSummary` (p. 146)
- `UserIdentity` (p. 147)
AccessTokenSummary

Information about a specified personal access token (PAT).

Contents

id
The system-generated ID of the personal access token.
Type: String
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 Go
- 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3
DevEnvironmentRepositorySummary

Information about the source repository 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 Go
- 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 (p. 133) 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 Go
- 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


Required: Yes

**projectName**

The name of the project in the space.

Type: String


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

Required: Yes

**spaceName**

The name of the space.

Type: String


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](https://tools.ietf.org/html/rfc3339)

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 Go
• 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 instance 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 (p. 140) 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


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

Required: No

**spaceName**

The name of the space.

Type: String


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

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 Go
- 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 Go
- 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](https://tools.ietf.org/html/rfc3339).

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 (p. 147) 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 (p. 142) 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 (p. 132) object

Required: No

responsePayload

Information about the payload of the response, if any.

Type: EventPayload (p. 132) 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:
See Also

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


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 Go
- 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


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 Go
- 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 Go
• 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](https://tools.ietf.org/html/rfc3339).

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++](https://docs.aws.amazon.com/sdk-for-cpp/v1/developer-guide/api-reference-client.html)
- [AWS SDK for Go](https://github.com/aws/aws-sdk-go)
- [AWS SDK for Java V2](https://docs.aws.amazon.com/sdk-for-java/v1/developer-guide/get-started.html)
- [AWS SDK for Ruby V3](https://docs.aws.amazon.com/sdk-for-ruby/v3/developer-guide/get-started.html)
PersistentStorage

Information about the persistent storage for a Dev Environment.

Contents

sizelnGiB

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 Go
- 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 Go
- 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)
ProjectListFilter

Information 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 Go](#)
- [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 Go](#)
- [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++](https://aws.amazon.com/csharp-sdk/)
- [AWS SDK for Go](https://aws.amazon.com/go-sdk/)
- [AWS SDK for Java V2](https://aws.amazon.com/java-sdk/)
- [AWS SDK for Ruby V3](https://aws.amazon.com/ruby-sdk/)
SpaceSummary

Information about an space.

Contents

name

The name of the space.

Type: String


Required: Yes

regionName

The AWS Region where the space exists.

Type: String


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 Go
- 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 an 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3