CodeArts Artifact

Getting Started

Issue 01

Date 2026-01-16

Huawei Cloud Computing Technologies Co., Ltd.

Address: Huawei Cloud Data Center Jiaoxinggong Road
Qianzhong Avenue
Gui'an New District
Gui Zhou 550029
People's Republic of China

Website: https://www.huaweicloud.com/intl/en-us/

Contents

1 Uploading Software Packages to Release Repos

Software packages are intermediate products generated during compilation and build in software development. They are an indispensable part of continuous integration and continuous delivery. By uploading software packages to release repos for storage and management, you can secure file storage, facilitate software development activities, and provide reliable software package for deployment. Additionally, it provides dependencies for build tasks.

This document describes how to upload software packages to release repos, helping you quickly get started. **Figure 1-1** shows the main operation process.

Figure 1-1 Uploading software packages to release repos
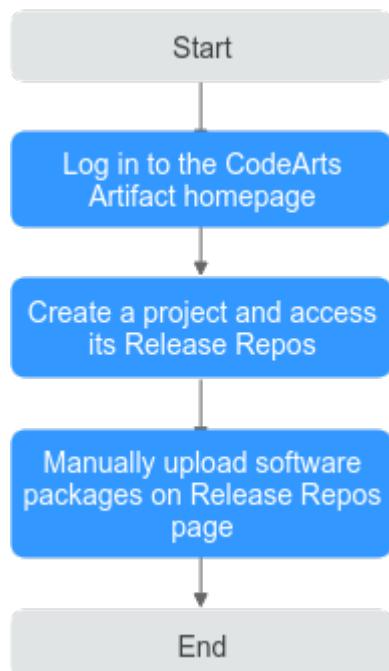
Follow these steps to upload packages to release repos:

1. **Access the CodeArts Artifact homepage**. Before using release repos, go to the CodeArts Artifact homepage.

2. **Create a project and access its release repos**: Create a project on the CodeArts homepage. CodeArts Artifact automatically generates the release repo with the same name. You can then access the repo directly within the project.

3. **Manually uploading software packages to release repos**: You can upload software packages to release repos for secure storage and efficient team collaboration.

Prerequisites

- You have **registered a HUAWEI ID and enabled Huawei Cloud services**.
- You have **subscribed to CodeArts Artifact**.

Logging In to CodeArts Artifact Homepage

Step 1 **Log in to the Huawei Cloud console**.

Step 2 Click ≡ in the upper-left corner of the page and choose **Developer Services** > **CodeArts Artifact** from the service list.

Step 3 Click **Access Service**. The homepage of CodeArts Artifact is displayed.

----End

Creating a Project and Accessing its Release Repos

Step 1 **Log in to the Huawei Cloud console** with your Huawei Cloud account.

Step 2 Click ≡ in the upper-left corner and choose **Developer Services** > **CodeArts** from the service list.

Step 3 Click **Access Service**. The homepage of CodeArts is displayed.

Step 4 Click **Create Project**.

Step 5 Hover over the **Scrum** card. Click **Select** to use this template to create a project.

Step 6 Set **Project Name** to **Scrum01** and retain the default values for other parameters.

Step 7 Click **OK**. The **Scrum01** project is displayed.

Step 8 Click **Artifact** in the navigation pane to access **Release Repos** of the project. (You do not need to create release repos. After you create a project, release repos with the same project name is automatically generated.)

----End

Manually Uploading Software Packages on the Release Repos Page

Step 1 After you complete the operations in **Creating a Project and Accessing its Release Repos**, go to the release repos named after the project, and click **Upload** in the upper-right corner.

Step 2 In the displayed dialog box, configure the following information and click **Upload**.

- **Target Repository**: current release repos. Retain the default setting.
- **Version**: Set the version number for software packages.
- **Upload Mode**: Select **Single file** or **Multiple files**. **Single file** is selected by default here.
- **Path**: After you set the path name, a folder with that name is created in the **Repo View**, where the uploaded package will be stored.
- **File**: Select software packages from the localhost to upload.

Step 3 In the **Repository View**, click the name of the uploaded software package to view its details.

----End

Related Tasks

CodeArts Artifact allows you to upload software packages either from the page or through CodeArts Build to release repos. For details, see **Uploading a Software Package to Release Repos**.

2 Uploading Artifacts to a Maven Repository

During development, developers often need to share packages with teammates. Self-hosted repos provide a shared space to store and upload these packages, making it easy for others to access and use them.

This document describes how to upload Artifacts to Maven repository, helping you quickly get started. **Figure 2-1** shows the main operation process.

Figure 2-1 Uploading artifacts to a Maven repository
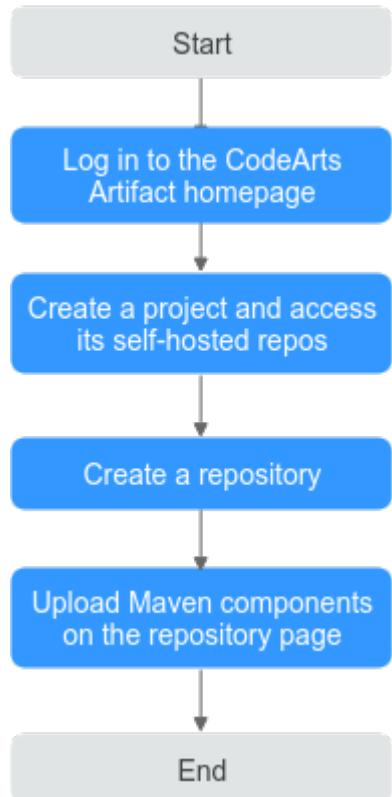
Follow these steps to upload artifacts to a Maven repository:

1. **Access the CodeArts Artifact homepage**. Before using CodeArts Artifact, go to the CodeArts Artifact homepage.

2. **Create a project and access its self-hosted repos**: Create a project on the CodeArts homepage. Then, access the self-hosted repos in the project.

3. **Create a repository**: Create a Maven repository.

4. **Upload Maven artifacts on the self-hosted repo page**: Upload an artifact to a Maven repository on the self-hosted repo page.

Prerequisites

- You have **registered a HUAWEI ID and enabled Huawei Cloud services**.

- You have **subscribed to CodeArts Artifact**.

Logging In to CodeArts Artifact Homepage

Step 1 **Log in to the Huawei Cloud console**.

Step 2 Click ☰ in the upper-left corner of the page and choose **Developer Services** > **CodeArts Artifact** from the service list.

Step 3 Click **Access Service**. The homepage of CodeArts Artifact is displayed.

----End

Creating a Project and Accessing its Self-Hosted Repos

Step 1 **Log in to the Huawei Cloud console** with your Huawei Cloud account.

Step 2 Click ☰ in the upper-left corner and choose **Developer Services** > **CodeArts** from the service list.

Step 3 Click **Access Service**. The homepage of CodeArts is displayed.

Step 4 Click **Create Project**.

Step 5 Hover over the **Scrum** card. Click **Select** to use this template to create a project.

Step 6 Set **Project Name** to **Scrum01** and retain the default values for other parameters.

Step 7 Click **OK**. The **Scrum01** project is displayed.

Step 8 In the navigation pane, choose **Artifact** > **Self-hosted Repos**.

----End

Creating a Repository

Step 1 Enter the self-hosted repo page of the project after completing the operations in **Creating a Project and Accessing its Self-Hosted Repos**.

Step 2 Click **Create Repository**.

Step 3 Configure the basic information and click **Submit**.

- **Repository Type**: **Local Repo** and **Virtual Repo**. **Local Repo** is selected by default.

- **Repository Name**: Enter a repository name.

- **Package Type**: Select **Maven**.

- **Project**: The default value is the current project. You can select another target project from the drop-down list box.

- **Include Patterns**: (Optional) Configure a path whitelist for the repository.

- **Version Policy**: If both of them are selected, the Maven repository generates two types of repositories: Release and Snapshot. Retain the default values.

- **Description**: (Optional) Enter up to 200 characters.

Step 4 The created Maven repository is displayed in the **Repository View**.

----End

Uploading Maven Artifacts on the Self-Hosted Repo Page

Step 1 Click the target repository in the left pane after completing the operations in **Creating a Repository**.

Step 2 Click **Upload** on the right of the page.

Step 3 In the displayed dialog box, set **Upload Mode** to **POM**.

Step 4 In **POM**, click **Select File** and upload packages whose name ends with **pom.xml** or **.pom** from the localhost.

Step 5 Click **Upload**.

Step 6 In the **Repository View**, click the name of the uploaded software package to view its details.

----End

Related Tasks

CodeArts Artifact allows you to upload packages either from the page or through CodeArts Build to self-hosted repos. For details, see **Building with Maven**.