

CloudPipeline

Getting Started

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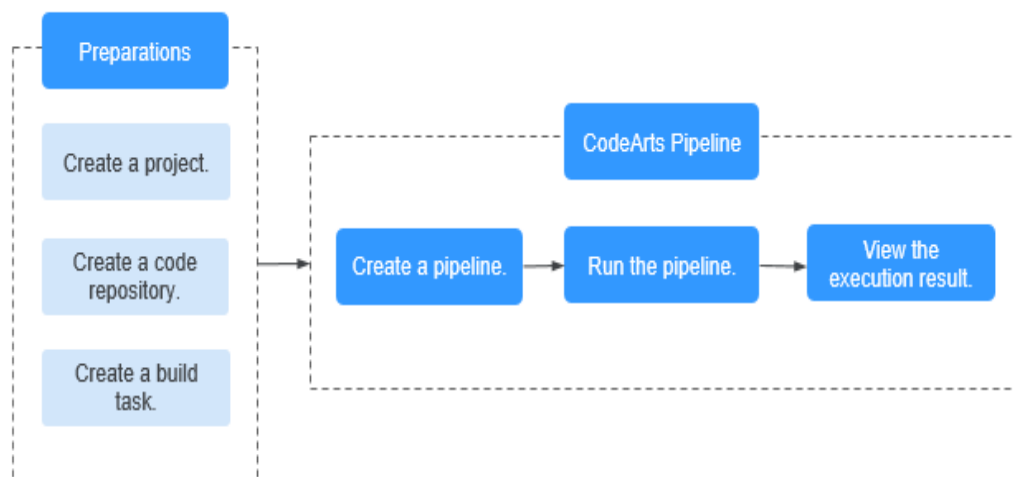
For enterprise customers who need to obtain vulnerability information, visit: <https://securitybulletin.huawei.com/enterprise/en/security-advisory>

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1 Getting Started with CodeArts Pipeline

This document describes how to create a pipeline, including the preparations and basic procedure. You can use the pipeline after performing routine operation settings.



Preparations

- Create a project
 - a. Log in to the CodeArts home page and click **Create Project**.
 - b. Select a Scrum project template, enter information such as the project name, and click **OK**.For details, see [Creating a Scrum Project](#).
- Create a code repository
 - a. Click the created project, and choose **Code > Repo**.
 - b. Click the drop-down button next to **New Repository**, select **Template Repository**, and select the **Java Maven Demo** template.
 - c. Click **Next**, enter basic information such as the repository name, and click **OK**.

For details, see [Creating a Repository Using a Template](#).

- Create a build task
 - a. Go to the created project and choose **CICD > Build**.
 - b. Click **Create Task** and perform the following operations as prompted:
 - i. On the **Set Basic Information** page, select the created code repository, select the default branch **master**, and click **Next**.
 - ii. On the **Build Template** page, select the system template **Maven**, click **Next**, and retain the default configurations on the displayed **Build Actions** tab page.
 - c. Click **Create** to complete the creation.

For details, see [Creating a Build Task](#).
- Create a code check task
 - a. Click the created project, and choose **Code > Check**.
 - b. Click **Create Task**, select a code source, search for the target repository, and click **Create** next to the repository.
 - c. After the creation is complete, go to the details page and modify the task name as required.

For details, see [Creating a Task to Check Code from CodeArts Repo](#).

Procedure

Step 1 Go to the created project and choose **CICD > Pipeline**.

Step 2 On the CodeArts Pipeline homepage displayed, click **Create Pipeline**.


On the displayed page, enter a pipeline name, select a pipeline source and template (a blank template is used as an example), and click **OK**.

NOTE

Alternatively, click **Create Pipeline** on the CodeArts Pipeline homepage, select a pipeline source and project.

Step 3 On the **Task Orchestration** tab page, add the created code check task in the build stage.

Add the created build task.

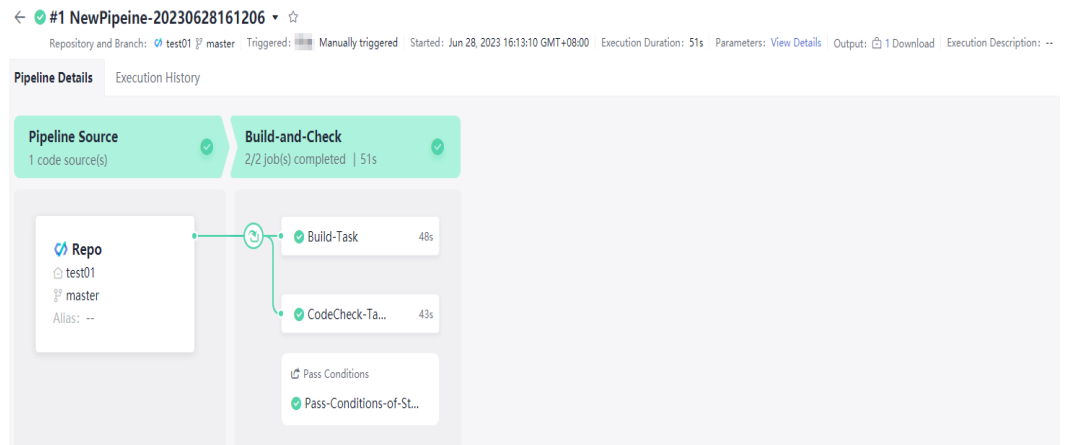
Step 4 Click  **Pass Conditions** under a stage. In the dialog box displayed, move the cursor to different pass condition cards and click **Add** to add a pass condition for the current stage and configure a policy for the condition.

Step 5 After the configuration is complete, click **Save and Run**. In the displayed dialog box, select the branch or tag of the pipeline source, configure parameters, select the execution stage, and click **Run**.

Step 6 View the execution result.

- Click **Download** next to **Output** to download the build package automatically built using the pipeline.

- Click a task card to view the task log.



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