

CodeArts Check

Getting Started

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1 Checking Code from CodeArts Repo

Consistent coding habits and styles make code easier to read and maintain. You can use CodeArts Check to verify compliance with platform or industry-specific coding specifications.


This sample demonstrates how to check the code from CodeArts Repo, and helps you get started with CodeArts Check.

Prerequisites

- You have registered with Huawei Cloud and completed real-name authentication. If you do not have a HUAWEI account yet, follow these steps to create one:
 - a. Visit the [Huawei Cloud official website](#).
 - b. Click **Sign Up** and create your account as instructed.
Once your account is created, the system automatically redirects you to your personal information page.
 - c. Complete individual or enterprise real-name authentication. For details, see [Real-Name Authentication](#).
- You have enabled CodeArts Free Edition. If not, enable it by referring to [Purchasing a CodeArts Package](#).

Preparing a Repository in CodeArts Repo

Step 1 [Log in to the Huawei Cloud console](#).

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

Step 3 Click **Access Service**.

Step 4 Click **Create Project**, and select the **Scrum** template. Set the project name to **Scrum01** and retain the default values for other parameters. Click **OK** to access the project.

Step 5 In the navigation pane, choose **Code > Repo**.

Step 6 Click **New Repository**. Select **Template**, and click **Next**.

Step 7 Search for **Java Ant Demo** and select the template. Click **Next**.

Step 8 Set the repository name to **Repo01** and deselect **Automatically create Check task**. Retain the default values for other parameters and click **OK**.

----End

Creating and Executing a Check Task from CodeArts Repo

Step 1 In the navigation pane, choose **Code > Check**.

Step 2 Click **Create Task**. On the displayed page, set the following parameters and retain the default values for other parameters.

- **Name:** Customize a task name, for example, **CheckTask01**.
- **Repository:** Select the code repository **Repo01** created in [Preparing a Repository in CodeArts Repo](#).
- **Language:** Select the language of the code to be checked. Select **Java** in this sample.

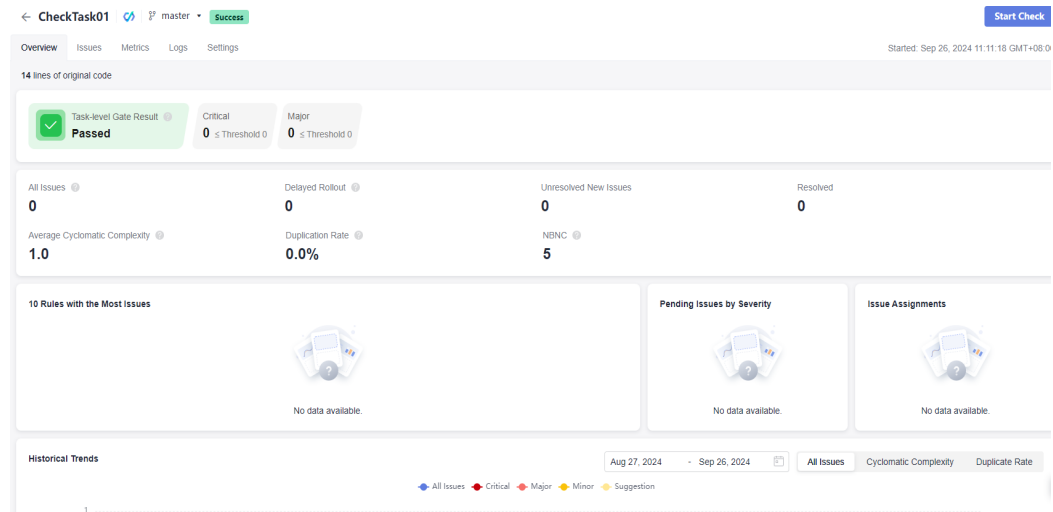
Step 3 Click **Create Task**.

Step 4 Click **Start Check** to execute the task.

----End

Viewing Check Results

After the check is complete, the check results are displayed, including overview, issues, metrics, logs, and health status.



2 Basic Practices

Table 2-1 Common practices

Practice	Description
Checking Code from Git with Preset Rules	Describes how to create a check task from Git.