

# **CODING Test Management**

## **Getting Started**

### **Product Documentation**



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# Getting Started

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This document shows how to perform a quick test on a project. It will familiarize you with the basic operations of the CODING-TM module.

## Prerequisites

You must activate the CODING DevOps service for your Tencent Cloud account.

## Basic Process

The basic CODING-TM process is as follows:

Step 1: Create a test case

Step 2: Review a test case

Step 3: Create a test plan

Step 4: Associate automated test case

Step 5: Execute the test plan

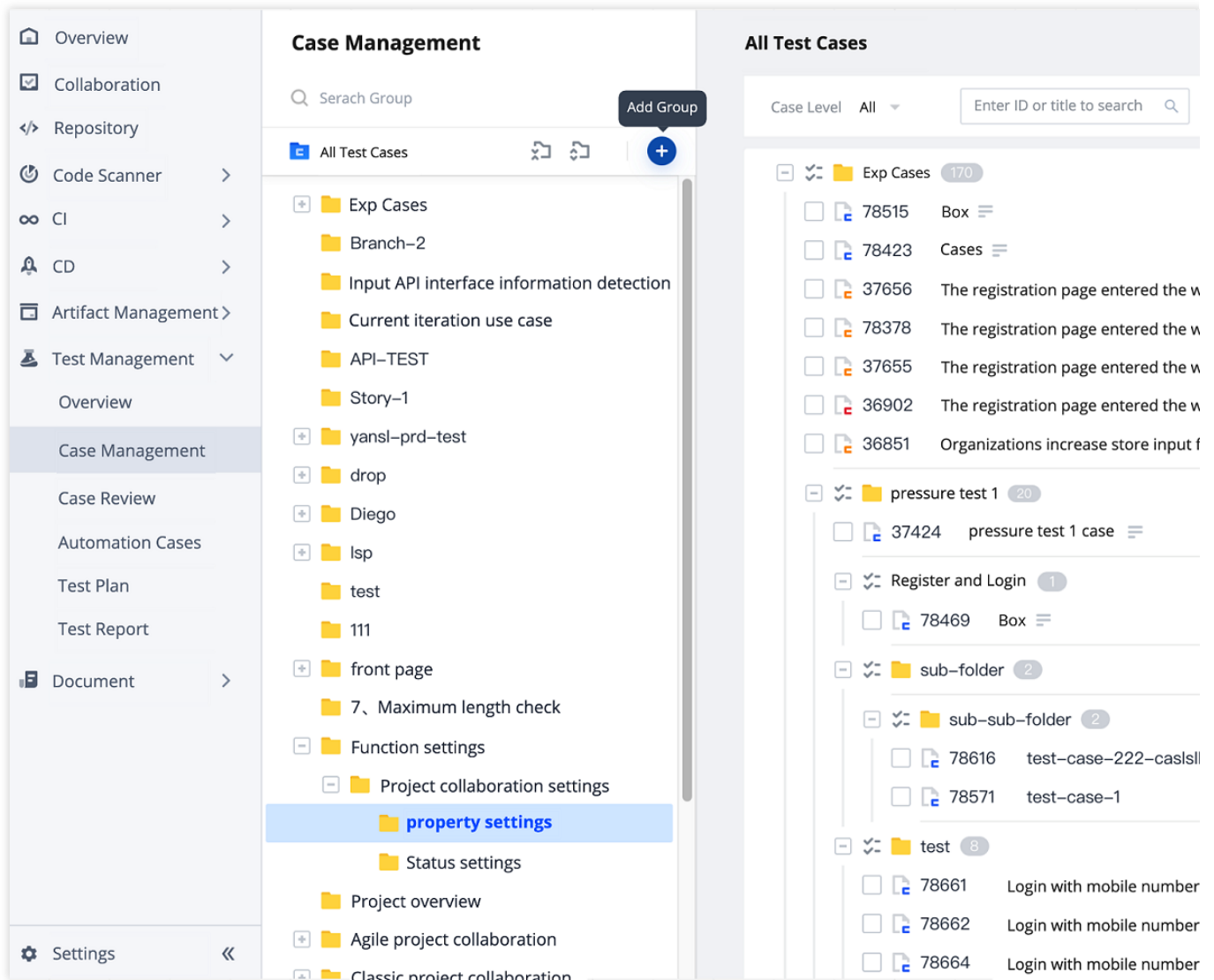
Step 6: Analyze the test report

### Note:

Test management is performed within a project. If you do not see any of the relevant features in your project, click **Project Settings** in the lower-left corner, select **Projects and Members > Functions**, and enable Test Management.

## Create Test Cases

Go to **Test Management** on the left, click **Create Test Case**, and enter the title, prerequisites, and description to create a test case. You can also manage test cases by group.



## Review Test Cases

Test result review is an important review process in testing activities. Developers in test case review help to align ideas on how to improve the project. Peer review during testing can help quickly discover test points the tester may have overlooked. This exchange of views contributes to the credibility of test results.

## Test Case Review

Status:  Initiator:  Reviewer:  Review Name:

Review Name	Status	Due Date	Reviewed	Initiator
Lan's Review	In Progress	2021-05-21	0 / 1 人	
Create Review	In Progress	2021-05-13	0 / 1 人	
Review-last	In Progress	2021-04-10	0 / 1 人	
Produce Review	Completed	2021-04-10	0 / 1 人	
Come to a formal review quality is important	Completed	2021-03-23	0 / 2 人	
Come to a formal review quality is important	Completed	2021-03-23	1 / 2 人	
Diego0223	In Progress	2021-02-23	0 / 1 人	
Review-0223	In Progress	2021-02-23	0 / 1 人	
Review-Diego	Completed	2021-02-08	1 / 1 人	
Second Review	In Progress	2021-01-12	1 / 1 人	

1-10 / Total 12

## Create and Execute Test Plans

A test plan contains many test cases and is divided into three types: iteration tests, release tests, and normal tests. The test plan gives testers a clear insight into the test progress, allowing them to report test results and ratings quickly.

Test Plan		Group - 1		
<div>Iteration Test</div> <div>In-Progress Iterations</div> <div>Iterations Not Started</div> <div>Completed Iterations</div>	<div>Normal Test</div> <div>Undefined Group</div> <div>Group - 1</div>	Plan Status Not Started, In Progress, Completed Execution Type All Enter		
		Title	Group	Plan Status Progress
		auto-test-shon-1	Group - 1	In Progress
		TP0410-auto-1	L-2	In Progress
		TP0410-manual-1	Group - 1	Not Started
		auto-test-shon-0	L-2	In Progress
		Create an Empty Test Plan	Group - 1	Not Started

## Associate Automated Test Cases

An automated test case library can establish matches between test plans and function codes in repositories. This allows you to implement automated test plans and update the task statuses of test cases. After the execution of the test plan, a test report is automatically generated for you to review the results.

### Automated Test Case Library ?

All Code Repositories +

auto-repo-diego JUnit

test-automation-cover-rate JUnit

### auto-repo-diego ✎ ⚙

Code Repository URL automation-example(release1) 📄

Test Type : API Test Test Framework

Match Action | Search General Test Cases 🔍

Total Functional Test Cases: 1501, Matched Count: 8, Unmatched Count: 1493; Automated Test Coverage

	Level	Test Count	Automated Test Case
[-] E 170			
[-] 78515	M P2	1	testCreateCase_2
[-] 78423	M P2	3	testCaseDetail_3
[-] 37656	G P1	2	testCaseDetail_3
[-] 78378	S P1	0	—
[-] 37655	M P1	1	—
[-] 36902	G P0	1	—
[-] 36851	M P1	6	—
[-] pressure test 1 20			
[-] 37424	P2	1	—
[-] Register and Login 1			
[-] 78469	P2	1	—
[-] sub-folder 2			
[-] sub-sub-folder 2			
[-] 78616	P2	0	testCaseDetail_3

## Analyze Test Reports

It is important to regularly review test plans. A test report includes the analysis of test case results, bug distribution, and test case rankings. You can also generate test reports based on templates. After a template is created, you may generate and send reports at predefined intervals.

### Report Management

Creation Time :

Select a time

To

Select a time

Report Name :

Please enter key words

Search

Reset

Report Name	Iteration	Test Plan	Report Name (auto generated; format: iteration-test plan-generation date)	Report Content
Not included in iterations - TP0410 - manu	Sprint-1	All Plans	Sprint - 1 - All Plans - 2021 - 5 -18	<b>Test Result:</b> Test Case Status Statistics; Test Case Test Count Ranking; Test Case Failed Count Ranking; Defect Distribution; Reopened Defects; Defect Status Distribution; Defect Resolution Duration; Plan Requirement List; Plan Defect List <b>Test Process:</b> Daily Test Result Distribution; Test Time Statistics; Daily Test Activity Distribution; Member Test Count Statistics
Not included in iterations - auto - test - 25				
Not included in iterations - Test Host				
Not included in iterations - Test Host				
Not included in iterations - manual - test -				
Not included in iterations - manual - test -				
Not included in iterations - manual - 1 - te				
Not included in iterations - manual - 2 - te				
Not included in iterations - auto - test - shon	2021-05-13 16:16:06	2021/04/10 to 2021/05/13		
Not included in iterations - Test Host's plan	2021-05-13 16:12:39	2021/04/10 to 2021/05/13		

1 - 10 / Total 72

#### Create Report

Iteration

Sprint-1

Test Plan

All Plans

Report Name (auto generated; format: iteration-test plan-generation date)

Sprint - 1 - All Plans - 2021 - 5 -18

Report Content

**Test Result:** Test Case Status Statistics; Test Case Test Count Ranking; Test Case Failed Count Ranking; Defect Distribution; Reopened Defects; Defect Status Distribution; Defect Resolution Duration; Plan Requirement List; Plan Defect List  
**Test Process:** Daily Test Result Distribution; Test Time Statistics; Daily Test Activity Distribution; Member Test Count Statistics

Create

Cancel