

测试管理 快速入门 产品文档



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快速入门

最近更新时间：2023-12-28 10:13:38

本文将通过实践一个项目的快速测试流程，帮助您快速熟悉 CODING 测试管理模块的基本使用操作。

前提条件

您的腾讯云账号需要开通 CODING DevOps 服务。

基本介绍

CODING 测试管理大致流程如下：

步骤 1：创建测试用例

步骤 2：评审测试用例

步骤 3：创建测试计划

步骤 4：关联自动化测试用例

步骤 5：执行测试计划

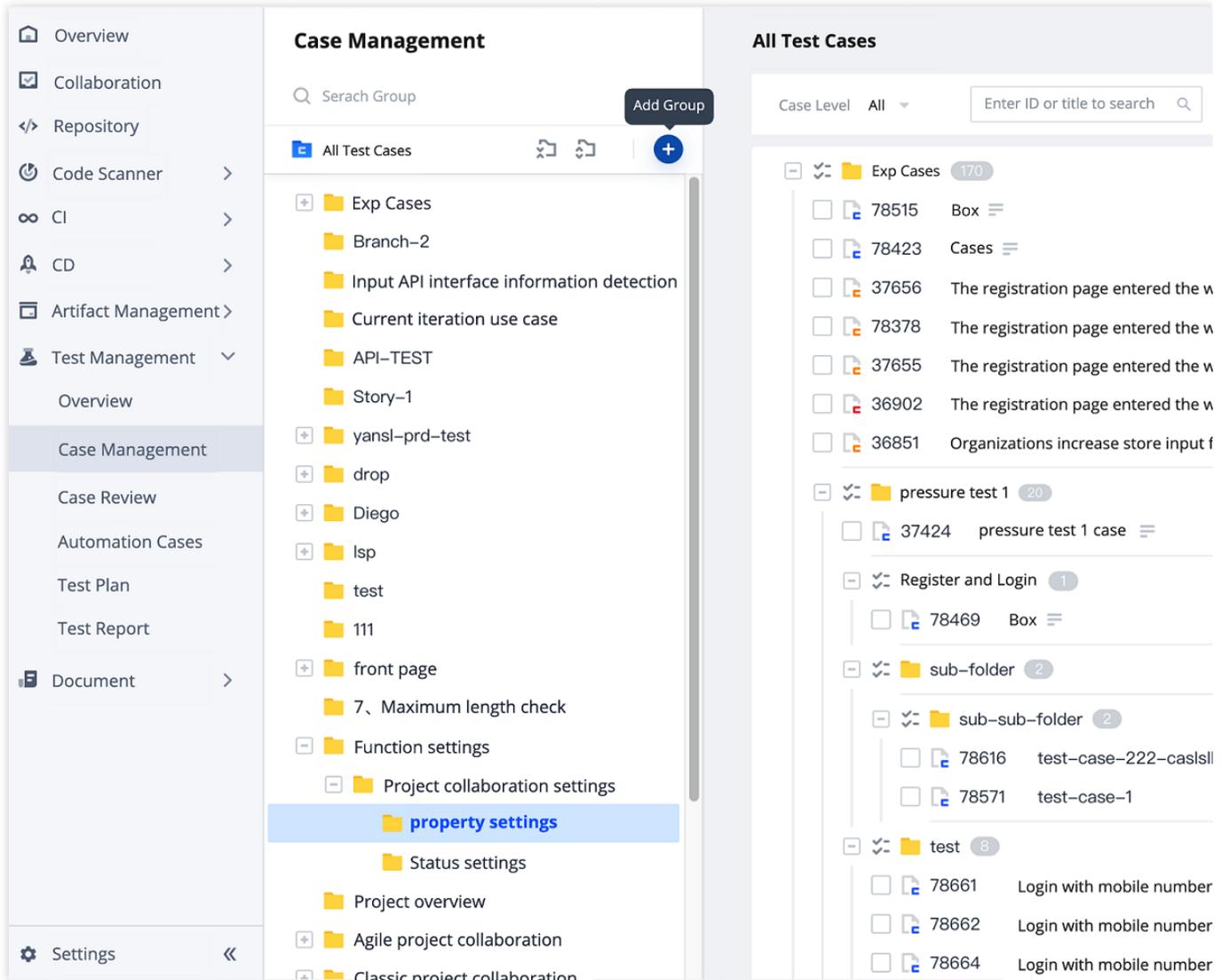
步骤 6：分析测试报告

说明：

测试管理位于项目内。如果您在项目内没有看到相关功能，请单击左下角的[项目设置](#) > [项目与成员](#) > [功能开关](#)中打开测试管理开关。

创建测试用例

进入左侧的[用例管理](#)功能，单击[创建用例](#)，输入标题、前置条件或文本描述完成用例创建，用例还支持进行分组管理。



评审测试用例

评审测试结果是测试活动中重要的复核流程。开发人员介入测试用例评审能够对齐改进意见；测试间的同行评审能够及时发现被个人主观忽视掉的测试点，交换其他人的用例建议能够有效增加测试结果的信服力。

Test Case Review							
Status:	All	Initiator:	All	Reviewer:	All	Review Name:	Please Enter Ke
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

创建与执行测试计划

测试计划由测试用例组成，分为迭代测试、发布测试、普通测试三种类型。它能够让测试人员清晰的看到目前测试进度，及时记录测试结果与相应的评级。

Test Plan ⚙️		Group - 1		
Iteration Test		Plan Status	Execution Type	
<ul style="list-style-type: none"> In-Progress Iterations Iterations Not Started Completed Iterations 		Not Started, In Progress, Completed	All	<input type="text" value="Enter"/>
Normal Test 🔄 📄 + ^		Title	Group	Plan Status
<ul style="list-style-type: none"> Undefined Group Group - 1 		auto-test-shon-1	Group - 1	In Progress <div style="width: 50%;"><div></div></div>
		TP0410-auto-1	L-2	In Progress <div style="width: 50%;"><div></div></div>
		TP0410-manual-1	Group - 1	Not Started <div style="width: 0%;"><div></div></div>
		auto-test-shon-0	L-2	In Progress <div style="width: 50%;"><div></div></div>
		Create an Empty Test Plan	Group - 1	Not Started <div style="width: 0%;"><div></div></div>

关联自动化测试用例

自动化用例库能够让测试计划与代码仓库中的功能代码建立匹配关系，从而实现自动化执行测试计划并更新用例的任务状态。执行后还能够自动得出测试报告更好地进行结果回顾。

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 |

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	-
<hr/>			
[-] pressure test 1 20			
[-] 37424	P2	1	-
<hr/>			
[-] Register and Login 1			
[-] 78469	P2	1	-
<hr/>			
[-] sub-folder 2			
<hr/>			
[-] sub-sub-folder 2			
[-] 78616	P2	0	testCaseDetail_3

分析测试报告

定期复盘测试计划也是重要的工作过程。测试报告包括用例结果分析、缺陷分布与用例测试排名。测试报告亦支持模板生成，设置好模板后能够在规定的时间段内周期性生成和发送报告。

Report Management

Creation Time : To Report Name :

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	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
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: Test Plan:

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

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