

Flow Of PR Verification

Objective

PR Verification

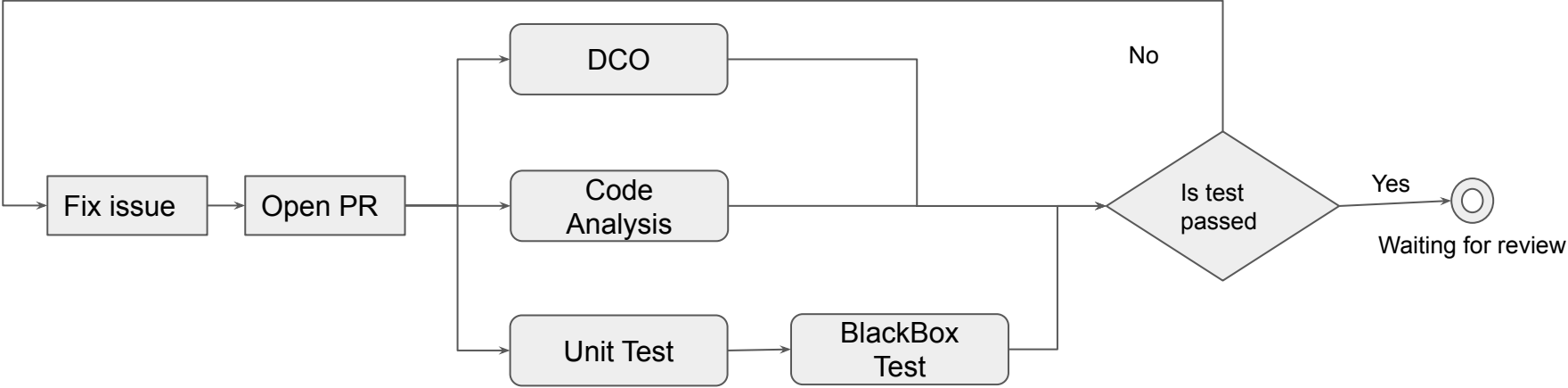
- Verify the new change by running unit test and basic functional test
- Make sure the new change won't impact the existing behavior

Daily Test

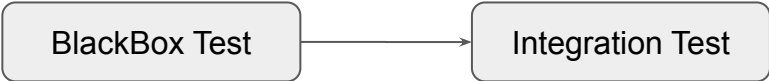
- Verify built images work as expected
- Test the services with different configurations
- Run integration test to confirm all services can work together correctly



PR Verification



Daily Test



Different of PR Verification and Daily Test

	PR Verification	Daily Test
Start Edgex By	<ol style="list-style-type: none">1. Compiled binary files2. Used built image for dependance, such as database.	Built image
Test script	Part of testcases, according to repository PR opened	All of testcases
Trigger	New PR opened	Daily run
Example: device-sdk-go	<ol style="list-style-type: none">1. Start device-sample by “make run” command.2. Start core-data, core-metadata and etc using latest images.	

Next Step

- Decide test script file structure
- Prepare sample test and development guide
- Provide a session about how to develop the test
- Make Jenkins Job and pipeline to run PR verification and daily test