

Jenkins -> Configuring Jenkins Job Failure Analyzer

Jenkins Build Failure Analyzer plugin analyzes the causes of failed builds and presents the causes on the build page.

It does this by using a knowledge base of build failure causes that is built up from scratch and kept up to date by the community using Jenkins.



More information on Build Failure Analyzer

Official Plugin: <https://plugins.jenkins.io/build-failure-analyzer/>

Releng docs: <https://docs.releg.linuxfoundation.org/en/latest/jenkins-build-failure-analyzer.html>

All users currently have view permissions.

If you would like to request configure permissions, please contact support.linuxfoundation.org and request access to the `onap-build-failure-analyzer-access` group

The plugin can be configured as follows:

1. Login into jenkins.onap.org (Only authenticated users will be able to create and update build failure causes)
2. Look for the **"Failure Cause Management"** link on the left side menu
3. Click on the **"Create new"** option
4. Fill up the information (You can use a failed build's log as an example on what you would like the plugin to detect)
5. Save your entry.

Jenkins > Failure Cause Management		Update Failure Causes			
		Create new			
		Name	Categories	Description	Comment Modified
		FindBugs violations	FindBugs	FindBugs analysis has found \${1,2} potential bugs with \${1,3} errors in sub-project \${1,1}	2/7/17 9:00 PM by agrimberg
		Pom not found		The pom file provided is not being found, or expected to be found in the root directory	3/6/18 4:36 PM by jwagantall
		Compilation failure	source code	Patch failed to compile in component \${1,1}	11/21/17 1:14 AM by jwagantall
		Possible imcrober groupid	pom-config	Job is possibly trying to upload an artifact to a groupid path in Nexus that is not your project groupid.	2/7/17 8:57 PM by agrimberg
		Fail to compile tests	nexus	maven-compiler-plugin testCompile goal has failed to compile tests. Please review the compilation issues in the log	11/1/17 4:31 PM by jwagantall
		Banned dependencies		Some Enforcer rules have failed. Look in the log for specific messages explaining why the rule failed	11/1/17 11:05 PM by jwagantall
		Build Timeout		Build timed out after some time.	1/31/18 7:49 PM by jwagantall
		CSIT Connection Failures	infrastructure	CSIT script not able to run due to a failed connection with the server. Please re-run again.	10/26/17 5:12 AM by jwagantall
		Test failures		There are test failures. Please look in the log to identify them.	11/8/17 8:00 PM by jwagantall
		Build Failure		Fail to execute build commands	11/1/17 4:39 PM by jwagantall
		Missing artifact in nexus	nexus	Build failed to find artifact \${1,2} needed for sub-project \${1,1}. Check correct groupid, artifactid and version. This may also indicate a problem with nexus. Another possibility is that this is a -SNAPSHOT version and it has expired from nexus -- in that case check with the project which provides the artifact.	2/7/17 9:33 PM by agrimberg

Failure Cause

Name

New...

➔ Reserved name!

Description

Description...

➔ Bad description.

Comment

Categories

Indications

Add Indication ▼

Modification history

Save

For more detailed information, please look into the official build failure analyzer plugin page listed above.