

Dependency Graph View Plugin

Plugin Information

View Dependency Graph Viewer on the plugin site for more information.

Older versions of this plugin may not be safe to use. Please review the following warnings before using an older version:

- [Missing permission checks](#)

This plugin is up for adoption. Want to help improve this plugin? [Click here to learn more!](#)

Shows a dependency graph of the projects using graphviz. Requires a graphviz installation on the server.

Features

- Show the dependency graph via graphviz
 - restricted to projects in a view
 - restricted to one project
- Respects access permissions
- Show the graphviz source file

Screen

The screenshot shows the Hudson web interface with the 'Dependency Graph' view selected. The main content area displays a dependency graph with nodes in rounded rectangles. The nodes are: 'test_parametrized_trigger', 'Test_Builds', '01_Build_Test_Project', 'test_windows', 'test_matrix', 'Project1', 'noop', 'job1', 'job2', '02_Unittest_Test_Project', '03_Integrationtest_Test_Project', '04_Create_Test_Reports', '05_Publish_Test_Artifacts', and '06_Deploy_Project'. Arrows indicate dependencies: 'test_parametrized_trigger' depends on 'Project1' and 'noop'; 'Test_Builds' depends on 'job1' and 'job2'; '01_Build_Test_Project' depends on '02_Unittest_Test_Project'; '02_Unittest_Test_Project' depends on '03_Integrationtest_Test_Project'; '03_Integrationtest_Test_Project' depends on '04_Create_Test_Reports' and '05_Publish_Test_Artifacts'; '05_Publish_Test_Artifacts' depends on '06_Deploy_Project'. On the left sidebar, there are navigation links like 'New Job', 'Manage Hudson', 'People', 'Build History', 'Project Relationship', 'Check File Fingerprint', and 'Dependency Graph'. Below these are sections for 'Build Queue' (No builds in the queue) and 'Build Executor Status' (Master: 1 Idle, 2 Idle; white (offline): 1 Offline). At the bottom left, there is a 'Graph in graphviz format' link. The footer shows 'Page generated: Dec 14, 2010 10:42:48 PM Hudson ver. 1.388'.

Changelog

Version 0.13 (Oct 23, 2017)

- [Fix security vulnerability](#)

Version 0.12 (Oct 16, 2017)

- Update version of jsPlumb

Version 0.11 (Mar 22, 2013)

- Fix invalid ajax calls for `sidepanel.jelly`.
- Show right dependency when the project name for copy artifact is relative

Version 0.10 (Dec 1, 2012)

- Switch editing of Dependency Graph off by default
- Editing of Dependency Graph is configurable globally
- Disable wrapping of job names

Version 0.9 (Nov 22, 2012)

- Make jQuery-UI a mandatory dependency ([JENKINS-15891](#))
- Improve Layout algorithm

Version 0.8 (Nov 19, 2012)

- Use jQuery and jQuery-UI Plugin
- Fix problem with Javascript-Ids from job-names [JENKINS-15850](#)

Version 0.7 (Nov 16, 2012)

- Add ability to switch off graphviz rendering on configuration page

Version 0.6 (Nov 14, 2012)

- Bugfix for jsPlumb display

Version 0.5 (Nov 13, 2012)

- ExtensionPoints for Edges and Subprojects of the Graph
- Experimental visualisation via jsPlumb
- Fixed links when jenkins is behind reverse proxy ([JENKINS-13446](#), [JENKINS-12112](#))
- Fixed invalid image when graphviz outputs warnings ([JENKINS-11875](#))

Version 0.4 (Sep 27, 2012)

- Legend now in separate image

Version 0.3 (Sep 25, 2012)

- Subprojects from the [Parameterized Trigger Plugin](#) are now shown
- Do not rely on default encoding when executing dot

Version 0.2 (Aug 5, 2011)

- Use `getFullDisplayName` instead of `getName` for project names

Version 0.1 (Dec 14, 2010)

- Initial version