

Node Stalker Plugin

Plugin Information

View Job Node Stalker on the [plugin site](#) for more information.



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Developed by [Datalex](#) Infrastructure Team.

This plugin lets you configure jobs to run on the same node, and if desired the same workspace, as another job.

Description

This plugin lets you configure a job to build on the same node as another job, with an option to also build on the same workspace as that job. Having an option to set a job to always build on the same node as another can be necessary when you have jobs that rely on each other, on a Jenkins instance with multiple slaves that lets Jenkins decide where to build jobs. The Parameterized Trigger plugin allows you to set a downstream job to build on the same node as its upstream job, but to use that function you must launch the downstream job through the upstream one, however you may want certain jobs to build on the same node as another job without having to build that job again. With this plugin, any job may be configured to use the same node (and if desired the same workspace) as another job.

Usage

The plugins configuration is located in the 'Build Environment' section of the job configuration UI.

Build Environment

- Delete workspace before build starts
- Add timestamps to the Console Output
- CleanUp all other workspaces in the same slavegroup
- Copy files into the job's workspace before building
- Generate Release Notes
- Install custom tools
- Run this job on the same node where another job has last ran
 - Run on same node as:
 - Share same workspace:
- Set Build Name

Only one job may be entered as the job to be followed and the job name must be valid. Node Stalker will try to help you pick a valid jobname by populating a drop-down list with all possible options.

Run this job on the same node where another job has last ran

Run on same node as

ws
wscleaner_test
wscleaner_test_1

Share same workspace

If the 'Share Workspace' option of the plugin is enabled, the 'Custom Workspace' field will be overwritten with the path to the workspace of the followed job.

Run this job on the same node where another job has last ran

Run on same node as

No such project 'ws'. Did you mean 'FLAT'?

Type in the name of the job you would like to follow. If the job does not appear on the drop-down list as you type, Jenkins does not recognize that job name. (from [job-node-stalker](#))

Share same workspace

Tick this option if you would like this job to run on the same workspace as the followed job. (from [job-node-stalker](#))

Node Stalker plugin synergises well with the [Prerequisite Build Step Plugin](#) as Node Stalker plugin does not stop the job from trying to build while the followed job is building or has failed its most recent build, which would lead to unreliable errors. The prerequisite build step plugin allows you to ensure that another job has successfully completed and is not currently running before letting your job run.

Incompatibilities

If the 'build on same node' parameter of the Parameterized Trigger plugin is used while triggering a job that has Node Stalker enabled for the upstream job, no custom workspace will be set and the triggered job will build on it's default workspace.

Changelog

Version 1.0.5

- Re-release of 1.0.4, no changes

Version 1.0.4

- Merged pull request that makes nodestalker compatible with item folders.

Version 1.0.3

- Merged pull request that fixes the use of plugin with maven jobs.

Version 1.0.2

- Fixed bug where custom workspace value would not be restored if it was empty.

Version 1.0.1

- Edited help text to better reflect plugin functionality.
- Changed code to restore original Custom Workspace configuration of job if 'Share Workspace' option of Node Stalker plugin is enabled.
- Fixed ClassCastException when the plugin was used within a maven project.

Version 1.0

Initial release.