

Naginator Plugin

Plugin Information

View Naginator [on the plugin site](#) for more information.

Description

This plugin allows you to automatically reschedule a build after a build failure.

This can be useful in several cases, including:

- The build is dependent upon external resources, that were temporarily unavailable (DB down, network down, website down, etc).
- Users want continuous emails sent out until the build is fixed, in order to prompt people into action.

Configuration

Simply install the plugin, and then check the Post-Build action "Retry build after failure" on your project's configuration page.

If the build fails, it will be rescheduled to run again after the time you specified. You can choose how many times to retry running the job. For each consecutive unsuccessful build, you can choose to extend the waiting period.

The following options are also available:

- Rerun build for unstable builds as well as failures
- Only rebuild the job if the build's log output contains a given regular expression
- Rerun build only for the failed parts of a matrix job

The plugin also adds a rerun button for in the build section.

Issues

To report a bug or request an enhancement to this plugin please create a ticket in JIRA (you need to login or to sign up for an account). Also have a look on [How to report an issue](#)

- [Bug report](#)
- [Request or propose an improvement of existing feature](#)
- [Request or propose a new feature](#)
- [Open Issues](#)

Key	T	P	Summary
JENKINS-59222			Interactive Retry does not document user
JENKINS-56334			Rerun touchstone builds on a retry
JENKINS-50904			allow system level max on number of retries
JENKINS-50770			Suggestion: Automatically delete last failed build when next retry starts
JENKINS-46349			Naginator should not retry when queued or successful builds already exist
JENKINS-44933			Send Email When Max Re-Tries Have Been Exhausted
JENKINS-41240			naginator-plugin allows some build parameters to be changed via request parameters
JENKINS-37146			Information on what triggered a retry by Naginator
JENKINS-37076			Naginator should support pipeline (aka. workflow)
JENKINS-32625			Option to run on the same node with naginator
JENKINS-29765			Build Retry (both Naginator and Rebuild) pick the latest commit, not retrying one
JENKINS-25037			Naginator: ability to restart pipeline if job fails

Version History

Version 1.18 - Feb 23, 2019

- Now targets Jenkins 1.565+ (was 1.554+)
- FIXED: wrong delay time calculation in "Progressive" strategy when there're multiple series of retries in parallel:

 [JENKINS-43803](#) - Interval calculation skewed by multiple builds of same job RESOLVED

- FIXED: links to the source builds in cause texts are broken when the build number gets 1000+:

 [JENKINS-50751](#) - Link created by naginator plugin contains comma in job numbers over 999 RESOLVED

Version 1.17.2 - Aug 14, 2016

- Don't display "Retry" link for pipeline builds ([JENKINS-36438](#))
 - It caused NPE. Naginator doesn't works for pipeline builds for now.

Version 1.17.1 - Jun 05, 2016

- Fix NPE when a single Maven module is triggered ([JENKINS-34900](#))

Version 1.17 - Mar 12, 2016

- Makes the build number of the naginator cause a clickable link ([#25](#))
- Provides variables NAGINATOR_COUNT, NAGINATOR_MAXCOUNT, NAGINATOR_BUILD_NUMBER ([JENKINS-21241](#)).
- Displays the checkbox for matrix projects even when the publisher is newly added ([JENKINS-32822](#)).
- Added "When no combinations to rerun" ([JENKINS-32823](#)).
- Introduced a new option "How to apply the regular expression to matrix" which replaces "Test regular expression for the matrix parent" ([JENKINS-32821](#))

Version 1.16.1 - Dec 06, 2015

- Fixed: Retry button invisible even with "Build" permission for a project ([JENKINS-31318](#))
- Fixed: Bad regular expressions cause unabortable builds ([JENKINS-24903](#))
 - Too long running regular expressions will be aborted. You can change the timeout for regular expressions in Configure System page.

Version 1.16 - Oct 31, 2015

- Allow regexps applied for matrix children logs ([JENKINS-26637](#))
- Count the number a build rescheduled precisely ([JENKINS-17626](#))
- Control rescheduling with action ([JENKINS-29715](#), [JENKINS-23984](#))
 - Other plugins can have naginator plugin retrigger a build by adding [NaginatorScheduleAction](#) to the build.

Version 1.15 - Apr 9, 2014

-  Make JobProperty optional for jobs
-  Decrease require core for ancient jenkins users

Version 1.14 - Dec 19, 2014

-  Retain original build causes on manual retry ([JENKINS-20065](#))
-  Add details and optimize logging ([JENKINS-26118](#))
-  Ensure BufferedReader in parseLog is closed ([JENKINS-25800](#))

Version 1.13 - Nov 12, 2014

- Fix progressive delay time calculation (behavior slightly changed)
- Fix rerun behavior for unstable builds in matrix
- Better log the trigger cause
- Fix badge icon for the case in which Jenkins is not in the root folder
- Don't show rerun link if user doesn't have permissions

Version 1.12 - Aug 25, 2014

- Added the option to rerun only the failed parts of a matrix
- Retry will occur only when all parts of a matrix finish
- Rebuild link verify authentication
- Don't rerun job on manual cancel

- Fix NPE when running Maven build

Version 1.11 - April 8, 2014

- Naginator now retain original build causes on retry

Version 1.9 - Nov 8, 2013

- Re-schedule limit doesn't consider previous builds that aren't related to Naginator
- Added a badge icon to re-scheduled builds
- Bug fixes

Version 1.8 - June 12, 2012

- New extension point to configure schedule delay
- Fixed delay implementation
- Parameters for build are reused on schedule
- Limit for number of build attempts after failure

Version 1.7 - May 31, 2012

- Fix NPE for non-nagged jobs [JENKINS-13791](#)

Version 1.6.1 - May 3, 2012

- Fix compatibility with build-timeout plugin ([JENKINS-11594](#))
- Use a RunListener

Version 1.6

- Not released (release:prepare failed on ndeloof computer :-/)

Version 1.5 - Dec 7, 2009

- Added support for not rebuilding if the build is unstable.
- Added support for only rebuilding if a regular expression is found in the build log.

Version 1.4 - Jan 26, 2009

- The plugin progressively introduces a delay until the next build. It starts with 5 minutes and goes up to one hour.

Version 1.3 - April 9, 2008

- After way too long, the release is actually out there. 1.1 and 1.2 are missing due to my inability to use the maven release process correctly 🙄.

Version 1.0 - Sept 17, 2007

- Initial Release - release didn't actually make it to the repository...