

Validating String Parameter Plugin

Plugin Information

View Validating String Parameter [on the plugin site](#) for more information.

The validating string parameter plugin contributes a new parameter type to Jenkins that supports regular expression validation of the user's entered parameter.

Usage

This plugin is used wherever build parameter selection is available, most commonly in the job configuration page by enabling parameterized builds (this parameter type will also be available as release parameters using the [release plugin](#)).

Configure the parameter by entering a name, regular expression to validate the entered value and optionally a default value, an error message shown when the user entered value fails the regular expression check and a parameter description.

This build is parameterized

Validating String Parameter

Name	<input type="text" value="developmentVersion"/>
Default Value	<input type="text" value="1.0-SNAPSHOT"/>
Regular Expression	<input type="text" value=".*-SNAPSHOT"/>
Failed Validation Message	<input type="text" value="Development version must end with -SNAPSHOT"/>
Description	<input type="text" value="The next development version that the pom's will be set to once the build has completed."/>

Delete

When a build is requested, the user will be prompted with the parameters to enter. Users enter the parameter as normal, but will now be prompted with an error message if the entered value does not meet the regular expression.

Project test

This build requires parameters:

developmentVersion

 **Development version must end with -SNAPSHOT**

The next development version that the pom's will be set to once the build has completed.

Build

Once the entered value meets the configured regular expression, the error message is no longer displayed.

Project test

This build requires parameters:

developmentVersion

The next development version that the pom's will be set to once the build has completed.

Build

Version History

Version 2.4 (TBD)

Version 2.3 (04-Feb-2015)

- Fixed links to regex pattern documentation
- Use codemirror for the description field

Version 2.2 (13-Sep-2011)

- [JENKINS-10139](#) Fix for regex containing back slashes

Version 2.1 (27-Feb-2011)

- If an invalid value is passed to the build, the build will be aborted and an error message will display in console indicating the parameter and failing value

Version 2.0 (19-Feb-2011)

- Migrated code to jenkins and performed release

Version 1.4 (13-Oct-2010)

- [JENKINS-7794](#) validation check doesn't work if Jenkins is hosted with a context root

Version 1.3 (22-May-2010)

- [JENKINS-6158](#) Build will fail if invalid parameter is passed
- [JENKINS-6160](#) Jenkins will record regex used to validate the build parameter as part of build configuration and display as tooltip on the parameter page.

Version 1.2 (29-Aug-2009)

- Used the javascript function encodeURIComponent to properly handle characters within the user entered values for regex and validation error message. (Issue [4334](#))

Version 1.1 (28-Aug-2009)

- Supported the release plugins as well as any other plugin that uses build parameters

Version 1.0 (24-Aug-2009)

- Initial Version