

Gitlab Hook Plugin

Plugin Information

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



The current version of this plugin may not be safe to use. Please review the following warnings before use:

- [Reflected XSS vulnerability](#)
- [Gitlab API token stored and displayed in plain text](#)

Enables Gitlab web hooks to be used to trigger SMC polling on Gitlab projects

Why?

For [Gitlab](#) there is an existing solution that might work for you. You can just use the notifyCommit hook on [Git plugin](#) like this:

```
http://your-jenkins-server/git/notifyCommit?url=<URL of the Git repository for the Gitlab project>
```

But, with a large number of projects that are mostly polling (no hooks), the project might actually be built with a great delay (5 to 20 minutes). You can find more details about notifyCommit and this issue [here](#).

That is where this plugin comes in.

It gives you the option to use [build_now](#) or [notify_commit](#) hook, whichever suits your needs better.

Version history

Open issues

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Updated	Due
	JENKIN S-58498	pipeline webhook giving error java.lang.NullPointerException: sourceProjectId must not be null	Javier Palacios	faika bouthalja	↑	OPEN	Unresolved	Jul 15, 2019	Jul 15, 2019	
	JENKIN S-58194	Unsatisfied dependencies gitlab-hook	Javier Palacios	Kaila Trawitzki	✓	OPEN	Unresolved	Jun 25, 2019	Jan 10, 2020	
	JENKIN S-57762	jenkins returns internal server error (500) when sending a note hook from GitLab	Javier Palacios	zhao l	⬆	OPEN	Unresolved	May 30, 2019	May 30, 2019	
	JENKIN S-42171	There are dependency errors loading some plugins in git lab and ruby	Javier Palacios	Prasad Anumolu	⬆	OPEN	Unresolved	Feb 18, 2017	Sep 12, 2017	
	JENKIN S-41025	'GitLab commit status publisher' causes unreadable project configuration	Javier Palacios	Marti R.	✓	OPEN	Unresolved	Jan 12, 2017	Jan 12, 2017	
	JENKIN S-38621	Missing License	Javier Palacios	Raymond Wells	✓	OPEN	Unresolved	Sep 30, 2016	Jun 11, 2017	
	JENKIN S-34031	Gitlab hook plugin breaks on folded jobs	Javier Palacios	Aleksandr Volochnev	⬆	OPEN	Unresolved	Apr 05, 2016	Apr 05, 2016	

	JENKIN S-32387	Implement parsing of github payloads	Javier Palacios	Javier Palacios		IN PROGRESS	Unresolved	Jan 11, 2016	Nov 05, 2019
	JENKIN S-32378	Trigger build when the url is an http/https one	Javier Palacios	Javier Palacios		IN PROGRESS	Unresolved	Jan 10, 2016	Feb 10, 2016
	JENKIN S-31904	Plugin works even when authentication and security are enabled in jenkins	Javier Palacios	Andreas Krummsdorf		OPEN	Unresolved	Dec 04, 2015	Dec 04, 2015
	JENKIN S-30861	Ignore 'Polling ignores commits from certain users' on GitLab WebHooks	Javier Palacios	Manuel		IN PROGRESS	Unresolved	Oct 09, 2015	Apr 19, 2016
	JENKIN S-29318	Support deleting multiple jobs on branch delete	Javier Palacios	Vladimir Sitnikov		OPEN	Unresolved	Jul 09, 2015	Jan 10, 2016

12 issues

Version 1.4.2 (Apr 2016)

- Full support recent GitLab 8.x releases
- Support for GitLab 8.1 commit statuses
- [JENKINS-33836](#), remove merge request projects even when merged branches triggering is disabled
- [JENKINS-33252](#), skip reporting if gitlab url/token not configured
- [JENKINS-29317](#), implemented endpoint for triggering a specific jenkins project
- [JENKINS-30322](#), report on job log about communications through gitlab API
- [JENKINS-28808](#), fixed *Multiple SCMs* projects
- Avoid tag building projects to be elected as candidates to automatically create projects
- Improved acceptance tests & documentation

Version 1.4.1.1 (Jan 2016)

- [JENKINS-28327](#), uncaptured exception on malformed configuration file
- [JENKINS-28452](#), configurable triggering for projects with pre-build merges
- Fixed parameter serialization for tag builds

Version 1.4.0 (May 2015)

- [JENKINS-23992](#), HTML on build reason
- [JENKINS-25267](#), building merge request objects
- [JENKINS-27101](#), undefined method isOlderThan on automatic project creation

Version 1.3.1 (Feb 27 2015)

- [JENKINS-27101](#), exception happens when creating a project from a template
- [Issue #56](#), elevated privileges required for automatic project creation

Version 1.3.0 (Feb 19 2015)

- Template based automatic project creation
- Improved branch matching. Mainly allow exact matches for **/master* and allow branch specifications starting with *refs/*

Version 1.2.1 (Feb 3 2015)

- [Issue #3](#) allowing also choice parameter type for branch name parameter

Version 1.2.0 (Jan 19 2015)

- [Issue #44](#) global configuration for automatic project per branch creation
- [Issue #50](#) trigger the build only for multi configuration project, not it's axis
- [Issue #31](#) payload data is auto-filled to job parameters
- [Issue #41](#) supporting refs spec matching (if refs spec present in job configuration)
- [Issue #39](#) multiple smc's support
- [Issue #42](#) git 2 support
- [Issue #43](#) better error handling, exceptions converted to java RuntimeException
- [#JENKINS-24232](#) fix for branch specifier that is not of String type, now just skipping such projects instead of raising exception

- [Issue #45](#) fix for getting branch name from payload, did not work correctly for tags
- fix for invalid or empty payload, returns the actual payload sent and a more meaningful description
- catching invalid route, displaying known routes and link to wiki
- improved logging for request details, payload, matching projects
- displaying stack trace on exception, nicely formatted for api response or in log

Version 1.1.0 (Jul 13 2014)

- [Issue #30](#) supporting crumb exclusion
- [Issue #26](#) automatic detection and filling of parameters from payload
- RSpec 3.0 compliance