MQTT Notification Plugin

Plugin Information
View MQTT Notification on the plugin site for more information.

A simple notifier that can publish build notifications to a topic on a MQTT broker.

About

MQTT is a machine-to-machine (M2M)/"Internet of Things" connectivity protocol. It was designed as an extremely lightweight publish /subscribe messaging transport.

The following details are configurable per Jenkins job:

- Broker hostname/port
- Topic
- Message

Both the topic and the message may also include certain dynamic variables. These include:

- PROJECT_URL - The relative URL to the Jenkins project to which this job belongs (e.g. "job/my-build").
- BUILD_RESULT - The result of the Job (e.g. SUCCESS, FAILURE, ABORTED, etc.)
- BUILD_NUMBER - The build number
- CULPRITS - Comma-separated list of build culprits

All other build variables and environment variables can also be used (JENKINS-41839).

The default topic when no value is specified is "jenkins/PROJECT_URL".

The default message when no value is specified is "BULD_RESULT".

Changelog

1.7 (2017-06-27)

The MqttNotifier can now be used in a jenkins pipeline, too. (Thanks michaelknigge!)

1.6 (2017-03-15)

Fixed credentials problem introduced while refactoring for unit testing in previous release (JENKINS-42764)

1.5 (2017-03-06)

- Fixed problem with variable substitution (JENKINS-41974)
- Started using StrSubstitutor for variable substitution
- Added a unit test, but it's not doing much yet. Need to improve this.

1.4.2 (2017-02-12)

- Reverted language level to Java 7 following failed integration test

1.4.1 (2017-02-12)

- Bumped pom parent version, triggered a few findbugs violations. Now fixed.

1.4 (2017-02-12)

- MQTT Notification plugin should be able to publish build number, build parameters (JENKINS-41839)

1.3 (2016-01-09)

- Environment variables can now be used in topic and message (JENKINS-31669)
- Guard against credentials leak (JENKINS-25035)
- Bumped Paho MQTT client version (GitHub issue 4)

1.2.1 (2016-01-06)

- No changes. Republished 1.2 as the release didn't quite make it public for some reason.

1.2 (2015-06-23)

- I'm not dead yet!
- Bumped jenkins-ci plugin parent to 1.600 (JENKINS-23239)
- Merged pull request to use credentials when testing broker connection

1.1 (2013-08-15)

- Modified DefaultFilePersistence to use java.io.tmpdir

1.0 (2013-08-12)

- Initial release