

Parameterized Remote Trigger Plugin

Plugin Information

View Parameterized Remote Trigger [on the plugin site](#) for more information.

A plugin for Jenkins CI that gives you the ability to trigger parameterized builds on a **remote** Jenkins server as part of your build.

Similar to the [Parameterized Trigger Plugin](#), but for remote servers.

This is done by calling the /buildWithParameters URL on the remote server. (or the /build URL, if you don't specify any parameters)

This plugin also has support for build authorization tokens (as defined [here](#)), and plays nicely with these other guys:

- [Build Token Root Plugin](#)
- [Credentials Plugin](#)
- [Token Macro Plugin](#)

Screenshots

System configuration option

The screenshot shows the 'Parameterized Remote Trigger Configuration' page in Jenkins. It features a 'Remote Hosts' section with two entries:

- RemoteServerA:** Display name 'RemoteServerA', 'Enable build token root support' is unchecked, authentication is 'Credentials Authentication', and the credential is 'someUser/***** (User having permissions to trigger remote job)'. The remote address is 'http://domain.com:8080'. A 'Delete' button is present below the entry.
- RemoteServerB:** Display name 'RemoteServerB', 'Enable build token root support' is checked, authentication is 'Token Authentication', user name is 'otherUser', and API token is masked. The remote address is 'http://other-domain.com:8080'. A 'Delete' button is present below the entry.

At the bottom of the configuration area, there is an 'Add' button.

System configuration (via script)

```
import jenkins.model.Jenkins
import org.jenkinsci.plugins.ParameterizedRemoteTrigger.RemoteBuildConfiguration
import org.jenkinsci.plugins.ParameterizedRemoteTrigger.RemoteJenkinsServer
import org.jenkinsci.plugins.ParameterizedRemoteTrigger.auth2.CredentialsAuth;

// get Jenkins instance
Jenkins jenkins = Jenkins.getInstance();

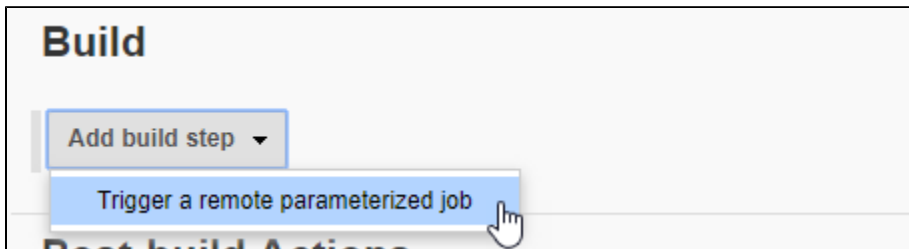
def auth = new CredentialsAuth();
auth.setCredentials("credential.id")

def remoteJenkinsServer = new RemoteJenkinsServer();
remoteJenkinsServer.setDisplayName("instance.name");
remoteJenkinsServer.setAddress("instance.url");
remoteJenkinsServer.setAuth2(auth);

def descriptor = jenkins.getDescriptorByType(RemoteBuildConfiguration.DescriptorImpl.class);
descriptor.setRemoteSites(remoteJenkinsServer);

jenkins.save()
```

Job setup options



Trigger a remote parameterized job
X

Server Info

Select a remote host RemoteServerA ▼

Override remote host URL ?

Override credentials Don't Set/Override ▼ ?

Job Info

Do not fail if remote fails ?

Wait to trigger remote builds until no other builds are running.

Poll Interval (seconds)

Block until the remote triggered projects finish their builds.

Remote Job Name or URL ?

Token ?

Parameters ?

```
# You can use comments like this
someParameterName=someValue

# don't worry about special characters, we'll encode that for you
otherParameter=some crazy & stuff

# we also support tokens and environment params in all fields
# (even username + API token)
$param1=$value1
currentBuildNumber=${BUILD_NUMBER}
```

Enable enhanced logging ?

Load parameters from external file (this will cause the job to ignore the text field above)

Change-log

3.0.9 (Aug 17th, 2019)

New feature

- None

Improvement

- Stream output rather than dump it all out at the end ([a625e4b](#))
- Added the ability to trust untrusted certificates ([08ec3ec](#))

Bug fixes

- None

3.0.8 (Mar 27th, 2019)

New feature

- None

Improvement

- Java doc refinement: Handle.getBuildStatus, Handle.updateBuildStatus ([541365a](#))
- Extend POST timeout & avoid re-POST after timeout ([97de437](#))
- Handle proxy host to avoid fail in subsequent requests ([285d657](#))

Bug fixes

- None

3.0.7 (Dec 9th, 2018)

New feature

- None

Improvement

- None

Bug fixes

- [JENKINS-55038](#)

3.0.6 (Sep 19th, 2018)

New feature

- Disable remote trigger job step instead of removing it

Improvement

- None

Bug fixes

- [JENKINS-52810](#)

3.0.5 (Aug 20th, 2018)

New feature

- None

Improvement

- None

Bug fixes

- [PR #46](#)
- [JENKINS-53125](#)

3.0.4 (Jul 30th, 2018)

New feature

- Support to abort remote job

Improvement

- None

Bug fixes

- [PR #45](#)

3.0.3 (Jul 23th, 2018)

New feature

- None

Improvement

- Add concurrent connection restriction to prevent remote servers from blocking
- Add job info. & crumb cache to reduce the dummy inquiries when parallel triggering

Bug fixes

- [JENKINS-52673](#)

Important change

- jdk version must be at least v1.8

3.0.2 (Jul 18th, 2018)

New feature

- None

Improvement

- HTTP utility reorganized
 - post with form-data

Bug fixes

- Fix parameters are too long (HTTP status 414)

3.0.1 (Jul 10th, 2018)


New feature

- Support triggering remote jobs via Jenkins proxy

Improvement

- code refinement

Bug fixes

- [JENKINS-47919](#) ( [JENKINS-47919](#) - Checking parameters of remote job build fails CLOSED) (clarified & fixed)

3.0.0 (May 17th, 2018)

New feature

- Pipeline support

Improvement

- [JENKINS-24240](#)
- [JENKINS-29219](#)
- [JENKINS-29220](#)
- [JENKINS-29222](#)

Bug fixes

- [JENKINS-29381](#)
- [JENKINS-30962](#)
- [JENKINS-32462](#)
- [JENKINS-32671](#)
- [JENKINS-33269](#)
- [JENKINS-47919](#)

For more details

<https://github.com/jenkinsci/parameterized-remote-trigger-plugin/blob/master/CHANGELOG.md>

Issues

type

key

summary



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