

## Cognitive Interaction Toolkit - Feature #316

### Prevent Jenkins from Checking out any SCM more than once

2014-10-29 23:27 - Florian Lier

<b>Status:</b>	Resolved	<b>Start date:</b>	2014-10-29
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Florian Lier	<b>% Done:</b>	0%
<b>Category:</b>	build-generator	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Toolkit 0.1	<b>Spent time:</b>	2.30 hours
<b>Description</b>			
These are <i>no</i> alternatives:  <a href="https://wiki.jenkins-ci.org/display/JENKINS/Clone+Workspace+SCM+Plugin">https://wiki.jenkins-ci.org/display/JENKINS/Clone+Workspace+SCM+Plugin</a> <a href="https://wiki.jenkins-ci.org/display/JENKINS/Copy+To+Slave+Plugin">https://wiki.jenkins-ci.org/display/JENKINS/Copy+To+Slave+Plugin</a> <a href="https://wiki.jenkins-ci.org/display/JENKINS/Shared+workspace+plugin">https://wiki.jenkins-ci.org/display/JENKINS/Shared+workspace+plugin</a> <a href="https://issues.jenkins-ci.org/browse/JENKINS-20059">https://issues.jenkins-ci.org/browse/JENKINS-20059</a>			

#### History

##### #1 - 2014-10-30 10:09 - Florian Lier

- Description updated

This seemed promising [1], but does not work properly [2]

[1] <https://wiki.jenkins-ci.org/display/JENKINS/Shared+workspace+plugin>

[2] <https://issues.jenkins-ci.org/browse/JENKINS-20059>

##### #2 - 2014-10-30 10:42 - Johannes Wienke

Maybe the easiest solution would be to generate non-matrix jobs in case only one slave is involved in a job?

##### #3 - 2014-10-30 10:47 - Florian Lier

Yes.. that would be a fine solution. I was just looking at the Jenkins API which is nicely documented but also quite huge. Ideally, just one checkbox is needed in the matrix-job configuration which says

[x] Do not checkout before triggering a node

However, at @Jan: Is this a huge change in the build-gen?

##### #4 - 2014-10-30 16:43 - Jan Moringen

Using "normal" instead of matrix jobs should be doable.

##### #5 - 2014-10-31 15:29 - Sebastian Meyer zu Borgsen

This would be great.

Can this be done by modifying the templates or does it require changes in the configurator?

I found this comment in the code: "#:kind ; matrix or regular; settable"

But does not seem to be implemented yet.

**#6 - 2014-10-31 15:34 - Jan Moringen**

Different kinds of jobs are implemented at a basic level. Buildflow jobs are of a different kind as well, for example.

What is missing is either some logic in the generator to only generate matrix jobs if multiple slaves are assigned or a mechanism to control the kinds of generated jobs from templates.

**#7 - 2014-11-22 10:25 - Florian Lier**

What is the current status of this issue?

**#8 - 2014-11-24 09:44 - Jan Moringen**

What is the current status of this issue?

Didn't get to implementing the feature yet.

**#9 - 2015-01-05 17:19 - Florian Lier**

Did you make any progress on this, Jan?

**#10 - 2015-01-05 17:21 - Jan Moringen**

There is an initial implementation of non-matrix jobs in the master branch of the generator. I have to fix some issues before it will be usable, though.

**#11 - 2015-01-05 17:23 - Florian Lier**

Yeah, that's the work I gave you feedback on in December (I guess).

**#12 - 2015-01-05 17:24 - Jan Moringen**

Yes, I couldn't finish it last year. Will try now.

**#13 - 2015-01-06 14:49 - Jan Moringen**

- *Status changed from In Progress to Feedback*

Should work now.

**#14 - 2015-01-07 15:55 - Florian Lier**

- *Status changed from Feedback to Resolved*