

Cognitive Interaction Toolkit - Feature #271

build-generator does not evaluate environment variables

2014-06-12 13:00 - Florian Lier

Status:	Rejected	Start date:	2014-06-12
Priority:	High	Due date:	
Assignee:	Jan Moringen	% Done:	0%
Category:	build-generator	Estimated time:	0.00 hour
Target version:	Toolkit 0.1	Spent time:	0.00 hour
<b>Description</b> Based on the first beta tests, people tried to do the following:  <pre>export prefix=/tmp/ \$prefix/jenkins/job-configurator --on-error=continue -b http://localhost:8080 -d \$prefix/dist/distributions/DESIRED_DISTRIBUTION.distribution -t '\$prefix/dist/templates/*.template'</pre>  This does <i>not</i> work, however, this is clearly also dependent on the quality of the provided tutorial. However, I believe it's a good idea to enable the build-generator to make use of environment variables.			

History

- #1 - 2014-06-12 13:02 - Florian Lier
- Subject changed from build-generator does not understand environment variables to build-generator does not evaluate environment variables
- #2 - 2014-06-12 13:10 - Florian Lier
- Description updated
- #3 - 2014-06-12 13:23 - Jan Moringen
- Status changed from New to Rejected

To make sure we are on the same page w.r.t. how this happens: In the provided example

```
export prefix=/tmp/  
$prefix/jenkins/job-configurator --on-error=continue -b http://localhost:8080 -d $prefix/dist/distributions/DESIRED_DISTRIBUTION.distribution -t  
'$prefix/dist/templates/*.template'
```

the part '\$prefix/dist/templates/\*.template' is protected from expansion by the shell because of the single quotes. As a result, the generator sees the commandline option string \$prefix/dist/templates/\*.template. It applies a kind of globbing which can expand the \*.template part, but it does not expand environment variables.

That said, I don't think it makes sense to implement expansion of environment variables in the build-generator.

Providing this feature for commandline arguments would add little value and the same result can be trivially achieved using the shell. In the above example, \$prefix/dist/templates/\*.template' would suffice.

Providing this feature for recipes would even be slightly dangerous because recipes would be less self-contained (I'm not sure whether this is suggested by this issue).