

Cognitive Interaction Toolkit - Feature #229

support patching of 3rd party libs

2014-04-28 17:31 - Robert Haschke

Status:	Feedback	Start date:	2014-04-28
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	build-generator	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
patch files need to be stored together with the recipe			

History

#1 - 2014-04-28 17:51 - Robert Haschke

```
patch -p0
...
EOF
```

didn't work, because it's not clear, which characters to escape in the recipe

#2 - 2014-12-17 12:10 - Robert Haschke

It's probably not a good idea, to directly insert the patch into the JSON file.
Hence we need patch files. Where should they be stored? From my point of view within citk recipes (as in GAR) as they belong to the recipes.
Moreover, there should be a common default method provided by the templates to apply patches, e.g. defining a variable patches with a list of file names / repos, which are then applied.

#3 - 2015-08-26 09:30 - Florian Lier

Status?

#4 - 2015-10-12 17:04 - Jan Moringen

- Category set to build-generator
- Status changed from New to Feedback

How about a general mechanism for accessing files in the recipe repository and splicing their content into recipes?

#5 - 2015-10-12 19:16 - Robert Haschke

Was meinst Du mit "splicing their content into recipes"?
Das Problem ist ja, dass Dateien im recipe repository so erstmal nicht für Jenkins verfügbar sind, oder?

VG, Robert

#6 - 2015-10-12 19:20 - Jan Moringen

Robert Haschke wrote:

Das Problem ist ja, dass Dateien im recipe repository so erstmal nicht für Jenkins verfügbar sind, oder?

Ja.

Was meinst Du mit "splicing their content into recipes"?

Anfangs hast du ja geschrieben, dass die Verwendung von

```
patch -p0 <<EOF
...
EOF
```

um die Patches im Rezept einzubetten nicht praktikabel ist, was ich auch denke.

Meine Idee war, diesen Ansatz praktikabel zu machen, indem der Generator einen Ausdruck wie

```
patch -p0 <<EOF
${file:my-patch.diff}
EOF
```

verarbeitet, indem er den Inhalt der Datei my-patch.diff, die sich im Rezept-Repository befinden muss, in den Rezepttext einfügt.

#7 - 2015-10-12 19:30 - Robert Haschke

Ja, das könnte ein gangbarer Weg sein. Die Patches sollten dann als separate shell-build-Schritte im Jenkins auftauchen.