

## Cognitive Interaction Toolkit - Bug #322

### git.shallow breaks usage of tags sometimes

2014-11-06 10:59 - Sebastian Meyer zu Borgsen

<b>Status:</b>	Resolved	<b>Start date:</b>	2014-11-06
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Jan Moringen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
For example the OpenCV project can not be used with tags anymore since adding the shallow and depth parameters.			

#### History

##### #1 - 2014-11-06 11:55 - Jan Moringen

This may depend on the git version. See #301.

##### #2 - 2014-11-07 14:22 - Sebastian Meyer zu Borgsen

- Status changed from New to Feedback

- Assignee set to Jan Moringen

I tested it and it really depends on the git version.

Even the `--no-single-branch` fixes it for tags as well.

Can that be added manually to the recipe?

##### #3 - 2014-11-10 14:04 - Jan Moringen

Adding git commandline flags to receipes would basically remove all abstraction. This may still be a sensible option for the current version of the generator.

For the next version however, we have to solve this properly. I can imagine making a table of combinations for git version, what to clone (master, branch, tag), limited history length and restriction to a single branch and then trying to find working git invocations for all cases.

##### #4 - 2015-05-31 10:13 - Robert Haschke

According to the [git docs](#) the following combination of options should do the job:

```
--branch <desired tag or branch> --depth 1 --single-branch
```

Actually, both the build-generator and jenkins should use this options to reduce network traffic.

It took me 30mins to build-gen the flobidev distribution at home!

Also, when processing multiple recipes with "sub-directory" logic, build-generator should only clone the repo once...

Best example: flobidev distribution

**#5 - 2015-08-12 17:58 - Lars Schillingmann**

This is a very important issue. Testing today revealed that the current shallow variable "git.shallow?": true has no effect. I second Roberts concerns. Additionally, this issue relates to the caching feature, which is also very important to e.g. efficiently test projects complex configuration options.

**#6 - 2015-08-26 09:26 - Florian Lier**

**bump**

**#7 - 2016-06-22 13:20 - Jan Moringen**

- *Status changed from Feedback to Resolved*

- *% Done changed from 0 to 100*

Robert Haschke wrote:

According to the [git docs](#) the following combination of options should do the job:

```
--branch <desired tag or branch> --depth 1 --single-branch
```

Actually, both the build-generator and jenkins should use this options to reduce network traffic. It took me 30mins to build-gen the flobidev distribution at home!

The caching mechanism addresses this, although in a different manner.

Also, when processing multiple recipes with "sub-directory" logic, build-generator should only clone the repo once...  
Best example: flobidev distribution

Likewise.

Please discuss remaining problems in new issues.