

## Klever - Feature #7223

### Use Klever extensions to Python multiprocessing for deciding sub-jobs in parallel

05/19/2016 10:28 AM - Evgeny Novikov

<b>Status:</b> Closed	<b>Start date:</b> 05/19/2016
<b>Priority:</b> Urgent	<b>Due date:</b>
<b>Assignee:</b> Ilja Zakharov	<b>% Done:</b> 0%
<b>Category:</b> Infrastructure of Core	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 1.0	
<b>Published in build:</b>	

**Description**

At the moment when decision of some sub-job fails decisions of other sub-jobs are terminated using standard means of Python *multiprocessing*. Although this likely works well it leads to a job status **Corrupted** since it doesn't deal carefully with reports uploading. Switching to Klever extensions to *multiprocessing* should help.

In addition I suggest to improve Klever extensions to Python *multiprocessing* so that they will be more robust, in particular there won't be any hang ups any more.

**Related issues:**

Related to Klever - Bug #6634: If LKBCE can't find Linux kernel source code C...	<b>Closed</b>	<b>01/29/2016</b>
Related to Klever - Bug #6654: AVTG hang ups if one tries to stop job decision	<b>Closed</b>	<b>01/29/2016</b>
Related to Klever - Feature #8446: Fix and improve progress reporting	<b>Closed</b>	<b>10/10/2017</b>
Related to Klever - Feature #6589: Merge core.components.Component.launch_sub...	<b>Closed</b>	<b>01/29/2016</b>

#### History

##### #1 - 11/11/2017 02:51 PM - Evgeny Novikov

- Assignee changed from Evgeny Novikov to Ilja Zakharov
- Priority changed from High to Urgent
- Target version set to 1.0

Ilja did this and much more before implementing a new approach for evaluating a verification progress - issue [#8446](#), branch *8149-new-progress*.

##### #2 - 11/11/2017 02:51 PM - Evgeny Novikov

- Status changed from New to Resolved

##### #3 - 11/14/2017 01:35 PM - Evgeny Novikov

- Status changed from Resolved to Closed

I merged the branch to master in [459f75e7](#).