

Klever - Feature #8483

Avoid using BenchExec from within Core

10/06/2017 11:57 AM - Evgeny Novikov

Status:	Closed	Start date:	10/06/2017
Priority:	Urgent	Due date:	
Assignee:	Ilja Zakharov	% Done:	0%
Category:	Infrastructure of Core	Estimated time:	0.00 hour
Target version:	1.0		
Published in build:			

Description

At the moment BenchExec is used to restrict computational resources consumption by third-party tools that can behave abnormally. Just CIL is restricted from Core with BenchExec.

I suppose to use more simple solution, namely Python module [resource](#), that is already used to calculate computational resources consumption by Core and its components.

History

#1 - 10/09/2017 06:22 PM - Ilja Zakharov

It also kills Cil and CIF if they use too much resources, so it is not a good idea to replace it.

#2 - 10/10/2017 11:00 AM - Evgeny Novikov

Ilja Zakharov wrote:

It also kills Cil and CIF if they use too much resources, so it is not a good idea to replace it.

It is used just for CIL.

#3 - 12/25/2017 06:16 PM - Ilja Zakharov

- Target version set to 1.0
- Priority changed from High to Urgent
- Assignee set to Ilja Zakharov
- Status changed from New to Open

As it seems to be critical at verifying new kernels lets do it a bit earlier.

I have implemented it in the branch rm-fix, so after testing I hope it will be soon resolved.

#4 - 12/26/2017 01:31 PM - Ilja Zakharov

- Status changed from Open to Resolved

All works as expected. The branch also contains backported fixes to avoid jobs corruption.

#5 - 12/26/2017 03:05 PM - Evgeny Novikov

- Status changed from Resolved to Closed

I merged the branch to master in [561ccab](#). So, we will not have these tricky issues from nested BenchExec (I am not sure that it was developed in this way ever).