

Klever - Feature #8145

Support external builds

04/24/2017 12:21 PM - Evgeny Novikov

Status:	Closed	Start date:	04/24/2017
Priority:	Urgent	Due date:	
Assignee:	Evgeny Novikov	% Done:	0%
Category:	Build commands extracting	Estimated time:	0.00 hour
Target version:	2.0		
Published in build:			
Description			
At the moment Klever Core assumes users provide sources and some options for building their software internally. This can be reasonable and can be established for some projects like the Linux kernel but for other ones this can be an obstacle. That's why I suppose to develop a special tool for intercepting build information required for following verification objects generation and to support its output within Klever Core (although this tool can be useful not only for verification purposes I would not like to spend any my time for making it useful in a more general case, so it will be incorporated within Klever). In particular this will allow to avoid very resource consuming preparing of sources during validation based on Git commits.			
Related issues:			
Blocks Klever - Feature #8148: Extract build information for preset testing a...		Closed	04/24/2017
Blocks Klever - Feature #9162: Implement strategy based on collected coverage...		Closed	07/25/2018

History

#1 - 08/25/2017 04:17 PM - Evgeny Novikov

- Target version set to 2.0

#2 - 09/21/2017 10:26 AM - Evgeny Novikov

Also I and Ilja Zakharov suggest to try to get rid of all compiler options except ones used for preprocessing (input and output files will be obtained anyway). It seems that we do need just the latter while other options can just confuse CIF based on GCC 4.6 when another compiler version is used for building.

#3 - 07/25/2018 02:58 PM - Ilja Zakharov

- Blocks Feature #9162: Implement strategy based on collected coverage to verify kernel subsystems added

#4 - 09/28/2018 05:00 PM - Evgeny Novikov

- Status changed from New to Resolved

The mentioned tool is [Clade](#), it is integrated in Klever.

#5 - 09/28/2018 05:00 PM - Evgeny Novikov

- Blocks deleted (Bug #8458: Directories mismatch)

#6 - 10/25/2018 09:14 PM - Evgeny Novikov

- Status changed from Resolved to Closed

Branch *klever-2.0* passed all tests and I merged it to master in [72be796e3](#) marked as v2.0rc1.