

Klever - Feature #9532

Bug # 6629 (Closed): Used CIL is outdated

Update CPAchecker

03/13/2019 09:22 AM - Evgeny Novikov

Status: Closed	Start date: 03/13/2019
Priority: Urgent	Due date:
Assignee: Evgeny Novikov	% Done: 0%
Category: Addons	Estimated time: 0.00 hour
Target version: 3.0	
Published in build:	
Description	
New versions of CPAchecker will not fail on some valid C source files as currently ones do.	

History

#1 - 03/13/2019 03:25 PM - Evgeny Novikov

- Status changed from New to Resolved

I switched CPAchecker to trunk:30732 in branch *frama-c-cil*. It seems that the new version takes a bit more resources but sometimes it works better, e.g. there are not some parsing failures and timeouts.

Anyway we will have to switch to the latest version of CPAchecker to get extended witnesses from it.

#2 - 03/15/2019 09:18 AM - Evgeny Novikov

One our test case failed due to <https://gitlab.com/sosy-lab/software/cpachecker/issues/570>. It would be better to update CPAchecker one more time rather than to add one more bad preset unknown mark. But I do not know when CPAchecker will be fixed.

#3 - 03/17/2019 03:29 PM - Evgeny Novikov

Another one bug in CPAchecker is <https://gitlab.com/sosy-lab/software/cpachecker/issues/348>. One of our validation test case fails due to it. BTW, old CIL replaces enumerators with their values when they are used, so there were not such the bug.

Unfortunately, again we can't rely that somebody will fix this bug in CPAchecker soon.

#4 - 03/25/2019 04:09 PM - Evgeny Novikov

- Status changed from Resolved to Closed

I merged the branch to master in [c082518](#). Let's wait for CPAchecker fixes separately as it is not known when they will be.