

## Klever - Feature #10043

### Update CPAChecker

01/17/2020 09:51 AM - Evgeny Novikov

<b>Status:</b>	Closed	<b>Start date:</b>	01/17/2020
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Evgeny Novikov	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.0		
<b>Published in build:</b>			

#### Description

At the moment we use CPAChecker May 6, 2019 for checking everything except for data races. It is too old. After Anton will finish merge of CPAChecker SMG to trunk we need to switch to a new version. Besides, there will be everything the best for extended violation witnesses.

#### Related issues:

Related to Klever - Feature #10577: Place all addon archives to forge.ispras.ru	<b>Closed</b>	<b>11/13/2020</b>	
Blocks Klever - Feature #8494: Process extended format of violation witnesses	<b>Closed</b>	<b>05/11/2017</b>	<b>07/02/2019</b>

#### History

##### #1 - 01/17/2020 09:57 AM - Evgeny Novikov

- Blocks Feature #8494: Process extended format of violation witnesses added

##### #2 - 11/13/2020 05:07 PM - Evgeny Novikov

- Related to Feature #10577: Place all addon archives to forge.ispras.ru added

##### #3 - 11/23/2020 12:29 PM - Evgeny Novikov

I updated CPAChecker to 36043 where BAM & SMG seems to operate pretty well (though, of course we have good and bad regressions for large jobs).

So, now we are waiting for the version of CPAChecker with extended violation witnesses support. Everything required in Klever was already implemented and tested ([#8494](#)).

##### #4 - 12/01/2020 09:23 AM - Evgeny Novikov

- Status changed from New to Closed

We updated CPAChecker BAM & SMG as well as CPALockator in branch *extended-witnesses*. Tests passed, so, I merged the branch to master in [d74545524](#).