

Klever - Feature #8171

Get rid of repeated unknowns during multimodule verification

04/26/2017 12:09 PM - Alexey Polushkin

Status: Closed	Start date: 11/13/2017
Priority: Normal	Due date:
Assignee: Ilja Zakharov	% Done: 100%
Category: Program fragments generation	Estimated time: 0.00 hour
Target version: 2.0	
Published in build:	
Description Since, the result of verification of a module may be unknown, the result of verification each group, that contains this module also will be unknown. It's necessary to get rid of repeated unknowns that refers to the same reason of verdict.	
Subtasks: Feature # 8569: Increase length for problem descriptions up to 20 symbols Closed Feature # 8570: Introduce data attributes Closed Feature # 8571: Describe content of verification tasks generated by a multimodule strat... Closed	
Related issues: Related to Klever - Feature #8509: Introduce common prefixes for problems to ... New 10/19/2017 Blocked by Klever - Feature #7167: Support for multiline patterns of unknown ... Closed 04/29/2016 10/25/2017 Blocked by Klever - Feature #8425: Add support for unknown patterns without r... Closed 09/12/2017 10/25/2017 Blocked by Klever - Feature #8495: Test regular expressions association Closed 10/11/2017 10/25/2017	

History

#1 - 04/26/2017 12:34 PM - Evgeny Novikov

Why is this necessary? For me it seems very good to see the total number of problems as it is shown now. For instance, let's assume that one "bad" module breaks verification of 5 modules since it is added to corresponding verification objects, and there is another "bad" module that breaks verification of the only module. It would be nice to see all 5 unknowns in the first case to understand better than a corresponding issue should be likely fixed first.

#2 - 04/26/2017 03:26 PM - Ilja Zakharov

- Priority changed from Low to High

I agree that the total number of unknowns is of interest. But at analyzing results of multimodule verification and comparing them with existing ones there is a difficulty of distinguishing actual problems of multimodule verification from problems caused by an insertion of a bad module in different verification objects. Currently, I have no good proposal how to deal with it.

#3 - 04/26/2017 04:23 PM - Evgeny Novikov

Ilja Zakharov wrote:

I agree that the total number of unknowns is of interest. But at analyzing results of multimodule verification and comparing them with existing ones there is a difficulty of distinguishing actual problems of multimodule verification from problems caused by an insertion of a bad module in different verification objects. Currently, I have no good proposal how to deal with it.

In my opinion, insertion of a "bad" module is exactly a problem of multimodule verification. And the only thing to be done, I think, is to specify better somehow that some problems have the same reason.

Actually this isn't an intrinsic property of multimodule verification. Similar issues exist for all components, e.g. you tried to investigate reasons of timeouts, some bugs in Weaver can stem from issues in EMG, etc. "Simple" regular expressions can't always help. So, some additional things are

required.

I suppose you will think more about this and suggest some nice improvement in unknown reports representation that will allow to identify failure reasons in a more advanced way in comparison with regular expressions. Don't forget about a timeouts classification and either relate the given issue with the corresponding one if it exists, or open a new one, or make this one more generic.

#4 - 06/23/2017 04:14 PM - Ilja Zakharov

- *Priority changed from High to Urgent*

Time to solve it is closing.

#5 - 08/17/2017 04:22 PM - Evgeny Novikov

- *Tracker changed from Bug to Feature*

This doesn't look like a bug.

#6 - 08/31/2017 10:23 AM - Evgeny Novikov

- *Target version set to 1.0*

#7 - 11/13/2017 01:20 PM - Ilja Zakharov

- *Target version changed from 1.0 to 2.0*

#8 - 08/06/2018 04:03 PM - Evgeny Novikov

- *Assignee changed from Alexey Polushkin to Ilja Zakharov*

#9 - 10/01/2018 03:14 PM - Ilja Zakharov

- *Status changed from New to Resolved*

All subtasks are resolved.

#10 - 10/25/2018 09:19 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*.