

## Klever - Feature #9305

### Provide a list of undefined and modelled functions for a fragment under verification

10/04/2018 05:42 PM - Ilja Zakharov

<b>Status:</b>	New	<b>Start date:</b>	10/04/2018
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Ilja Zakharov	<b>% Done:</b>	0%
<b>Category:</b>	Environment model	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Published in build:</b>			

#### Description

As we claim that our static verification is sound we need to provide some information about preconditions of verification. As a first step in this direction we propose to collect which functions are undefined and for which of them models exist. This should help to understand how many specifications to model functions a user should prepare.

#### History

##### #1 - 12/04/2018 02:37 PM - Vadim Mutilin

The user would like to know how many specifications of the active part of an environment she need to prepare. Is it part of this task?

##### #2 - 12/04/2018 06:41 PM - Ilja Zakharov

If you mean entry points then it is not a part of this task. Entry points can be easily found from the coverage report. This issue is related to external functions that can be completely undefined or be modelled. Currently, we do not have any report concerning this part of a program fragment under verification.

##### #3 - 12/04/2018 07:01 PM - Vadim Mutilin

Yes, I'm talking about entry\_points and I do not see how they can be found from the coverage report "easily"

##### #4 - 12/06/2018 09:29 AM - Evgeny Novikov

Let's open another issue that will aim at showing some information on unspecified project specific API. For instance, for Linux loadable kernel modules this API includes uncovered exported functions and all global variables having structure types and which fields are initialized with function pointers.

##### #5 - 01/25/2019 03:42 PM - Evgeny Novikov

- Target version deleted (3.0)

- Priority changed from Urgent to High

There is not a particular plan in this direction.