

## Klever - Feature #8434

### Get rid of job classes

09/18/2017 01:21 PM - Evgeny Novikov

<b>Status:</b> Closed	<b>Start date:</b> 09/18/2017
<b>Priority:</b> Normal	<b>Due date:</b> 12/14/2017
<b>Assignee:</b> Evgeny Novikov	<b>% Done:</b> 100%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 2.0	
<b>Published in build:</b>	

**Description**

A long ago I assumed that we will have a lot of job classes for various types of target programs. These classes can't be intermixed. For each job class there can be:

1. Specific means for setting corresponding jobs in Bridge. Indeed this won't be ever implemented since it is too hard. The only universal format is providing a number of specification and configuration files.
2. Specific Core components for solving them. This should be replaced with using universal components and their specific configurations.
3. Specific Core components for reporting their verification results. For this we suppose to use a more flexible approach by configuring verification results processing like other steps of the static verification workflow.
4. Specific Bridge components for visualizing their verification results. Here we suppose to switch to also a more flexible approach of specific data visualization.

**Subtasks:**

Feature # 8435: Always start up the same Core components	<b>Closed</b>
Feature # 8436: Switch to configuration driven results processing	<b>Closed</b>
Feature # 8437: Get rid of job classes	<b>Closed</b>

**Related issues:**

Related to Klever - Feature #8889: Support verification job formats properly	<b>New</b>	<b>05/24/2018</b>
Related to Klever - Feature #9313: Introduce top level configuration options ...	<b>New</b>	<b>10/08/2018</b>

#### History

##### #1 - 09/18/2017 01:28 PM - Evgeny Novikov

- Description updated

##### #2 - 05/23/2018 07:24 PM - Evgeny Novikov

- Target version changed from 2.0 to 1.0

We have to implement this issue, since Bridge won't support job classes in Klever [1.0](#).

##### #3 - 05/23/2018 08:53 PM - Evgeny Novikov

- Target version changed from 1.0 to 2.0

I implemented a workaround in branch *core-new-formats* since a proper solution is complicated. So, now one should specify attribute *Class* explicitly within *job.json*. You can find examples in preset jobs. If you will try to solve old jobs with a new version of Klever, you will need to update them appropriately.

##### #4 - 05/24/2018 12:32 PM - Evgeny Novikov

- Related to Feature #8889: Support verification job formats properly added

##### #5 - 10/08/2018 01:43 PM - Evgeny Novikov

- Status changed from New to Resolved

All was done. The only thing I dislike is results processing. At the moment there is not a straightforward configuration options both in jobs and reports that control this. Instead both Core and Bridge reveal various job types on the basis of some rather low level data. Let's proceed one day later.

**#6 - 10/08/2018 01:56 PM - Evgeny Novikov**

- Related to Feature #9313: Introduce top level configuration options for processing verification results added

**#7 - 10/25/2018 09:16 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*.