

Klever - Feature #10659

Show Klever version in Bridge

01/12/2021 07:38 PM - Evgeny Novikov

Status: Closed	Start date: 01/12/2021
Priority: High	Due date:
Assignee: Ilya Shchepetkov	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: 3.1	
Published in build:	
Description At the moment users cannot find out a version of deployed Klever through GUI easily. It would be great if Bridge will show it, e.g. in the window title where it already shows "Klever". Most likely deployment scripts can generate a special file with Klever version for Bridge so that it will be able to find it out very easy and quickly.	
Related issues: Related to Klever - Feature #10637: Do not update Klever and restart services... New 12/22/2020	

History

#1 - 01/13/2021 12:53 PM - Ilya Shchepetkov

I think Bridge can get Klever version the same way it is implemented in Clade, by using pkg_resources package. See get_clade_version() function for example: [utils.py#L79](#).

#2 - 01/13/2021 01:36 PM - Evgeny Novikov

I guess that will be very non-optimal due to Bridge will perform this operation on every page since it does not aware when a Klever version changes. For implementing rarely used "--version" it is pretty well.

#3 - 01/19/2021 02:27 PM - Evgeny Novikov

- Target version set to 3.1
- Assignee set to Ilya Shchepetkov

This is quite useful thing to have.

#4 - 01/25/2021 02:40 PM - Ilya Shchepetkov

- Status changed from New to Open

I've implemented storing Klever version in the feature-10637 branch. Version is stored in the "version" file inside KLEVER_DEPLOYMENT_DIRECTORY folder:

```
debian@shchepetkov-klever-test:~$ tree -L 1 klever-inst/
klever-inst/
├── build bases/
├── klever-addons/
├── klever-conf/
├── klever-media/
├── klever-work/
├── klever.json
└── version
```

However, due to the usage of setuptools_scm in setup.py the same version of Klever is reported slightly differently during OpenStack and local deployments.

OpenStack:

```
debian@shchepetkov-klever-test:~$ cat klever-inst/version
3.1.dev4+gce17c3fd8
```

local:

```
~/w/git/klever feature-10637 █ cat ~/work/run/klever/version  
v3.0-4-gce17c3fd8
```

I'm not yet sure how to make them look the same.

#5 - 01/25/2021 02:44 PM - Ilya Shchepetkov

- *Related to Feature #10637: Do not update Klever and restart services when it does not necessary added*

#6 - 01/25/2021 03:13 PM - Evgeny Novikov

Why not use the same `setuptools_scm` to obtain the same version? Besides, you suggested to use the `pkg_resources` package. It is pretty well to use it once during installation or update. Later Bridge will retrieve the version from file very fast.

#7 - 02/25/2021 02:56 PM - Ilya Shchepetkov

- *Status changed from Open to Resolved*

I have switched from using `pkg_resources` to `setuptools_scm`, and now Klever version is reported the same during both local and open stack deployments.

#8 - 02/25/2021 06:49 PM - Evgeny Novikov

- *Status changed from Resolved to Open*

Indeed, Vladimir should visualize this version in Bridge now.

#9 - 03/01/2021 04:31 PM - Vladimir Gratinskiy

Bridge now shows the version on every page (in the title) in branch "feature-10659".

#10 - 03/01/2021 06:01 PM - Evgeny Novikov

- *Status changed from Open to Resolved*

Ilya finished the implementation. After all the proper version is shown, but it may be not too easy to find and to copy it.

#11 - 03/03/2021 10:49 AM - Evgeny Novikov

- *Status changed from Resolved to Open*

This does not work for non-editable deployments.

#12 - 03/03/2021 03:11 PM - Ilya Shchepetkov

- *Status changed from Open to Resolved*

Switched back to `pkg_resources`, with slight modifications. Now version is displayed correctly for editable and non-editable deployments, locally and in OpenStack.

#13 - 03/03/2021 03:53 PM - Evgeny Novikov

- *Status changed from Resolved to Closed*

Looks great! I merged the branch to master in [6e80c6731](#).