

Klever - Feature #10496

Speed up loading of source files and related data

09/16/2020 04:06 PM - Evgeny Novikov

Status:	Closed	Start date:	09/16/2020
Priority:	Urgent	Due date:	09/17/2020
Assignee:	Vladimir Gratinskiy	% Done:	100%
Category:	Bridge	Estimated time:	0.00 hour
Target version:	3.0		
Published in build:			

Description

Bridge [3.0](#) considerably enhances representation of source files by adding code coverage and cross references. Unfortunately, this results in too considerable latency when loading new source files especially with low speed hard drives like in OpenStack. We decided to cache representation of recently accessed source files. Besides, it may have sense to generate HTMLs for source files in background in advance, e.g. for all source files referenced by a given error trace, but it may be too complicated to maintain and this may be inefficient since most of the data will not be accessed ever.

History

#1 - 09/17/2020 03:50 PM - Vladimir Gratinskiy

- % Done changed from 0 to 100
- Status changed from New to Resolved
- Due date set to 09/17/2020

Implemented in branch feature_10496.

#2 - 09/21/2020 09:49 PM - Evgeny Novikov

- Status changed from Resolved to Open

#3 - 09/22/2020 01:36 PM - Vladimir Gratinskiy

- Status changed from Open to Resolved

Custom cache for source code was implemented instead of default django caches.

#4 - 09/24/2020 07:43 PM - Evgeny Novikov

- Status changed from Resolved to Closed

It works, so, I merged the branch to master in [cf579a200](#). Note, that it is backward compatible, but it is necessary to migrate databases (deployment scripts perform this automatically).

Let's see a faster page loading on OpenStack instances!