Print debugging timing information for initializer

01/25/2021 12:07 PM - Lukas Zapletal

Status: Closed
Priority: Normal
Assignee: Lukas Zapletal
Category: Development tools
Target version:
Difficulty:
Triaged: Yes
Bugzilla link:

Pull request: https://github.com/theforeman/foreman/pull/8273
Found in Releases: 2.5.0

Description
In order to find which initializers are the slowest, we should add time measuring. It should work also with plugins, thus dynamically. All initializers that are slower than a sane threshold (100ms) are print into the debug logger, like this:

```text
2021-01-25T13:01:34 [D|app|] Slow initializers:
2021-01-25T13:01:34 [D|app|] 130.85 ./config/initializers/apipie.rb
2021-01-25T13:01:34 [D|app|] 791.64 ./config/initializers/foreman.rb
2021-01-25T13:01:34 [D|app|] 2165.86 ./config/initializers/1_fast_gettext.rb
```

There is an excellent library https://github.com/nevir/Bumbler which does exactly that plus it can also track Bundler require timings, but it requires Bundler to be present. Foreman only uses Bundler for development and debian deployments, but on EL bundler_ext stub is used instead of that. Therefore the gem cannot be used, let's just implement timing of initializers ourselves.

Related issues:
Related to Foreman - Bug #31679: Actions that load the Rails stack are slow

Associated revisions
Revision 50dacf3b - 03/17/2021 09:28 AM - Lukas Zapletal
Fixes #31715 - print slow initializers to debug log

History
#1 - 01/25/2021 12:08 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8273 added

#2 - 01/26/2021 09:35 AM - Lukas Zapletal
- Related to Bug #31679: Actions that load the Rails stack are slow added

#3 - 03/17/2021 09:28 AM - The Foreman Bot
- Fixed in Releases 2.5.0 added

#4 - 03/17/2021 10:01 AM - Lukas Zapletal
- Status changed from Ready For Testing to Closed

Applied in changeset foreman|50dacf3beeaece11b8198a7140cc485b7bc7f09a.

#5 - 05/05/2021 02:29 PM - Tomer Brisker

03/26/2022