

## Foreman - Feature #29991

### Enable Zeitwerk autoload mode for Rails 6+

06/03/2020 07:26 AM - Lukas Zapletal

<b>Status:</b>	Ready For Testing	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Oleh Fedorenko	
<b>Category:</b>	Rails	
<b>Target version:</b>		
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>	No	<b>Found in Releases:</b>
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/foreman/foreman/pull/10131">https://github.com/foreman/foreman/pull/10131</a>	

#### Description

We should take advantage of the new and threadsafe autoloader:

[https://guides.rubyonrails.org/autoloading\\_and\\_reloading\\_constants.html#enabling-zeitwerk-mode](https://guides.rubyonrails.org/autoloading_and_reloading_constants.html#enabling-zeitwerk-mode)

#### Subtasks:

Refactor # 33886: Fix early loads of constants	Ready For Testing
Refactor # 33887: Postpone CacheManager recache after rails is initialized	Rejected
Refactor # 33888: Postpone Setting load to after _initialization	New
Refactor # 33889: Postpone FogExtensions after initialization	New
Refactor # 33890: Require foreman/gettext directly	Closed
Refactor # 33891: require Telemetry constants	Duplicate
Refactor # 33892: Postpone setting validations to to_prepare	Closed
Refactor # 33949: Fix early load of plugin fact parsers	Closed
Refactor # 33950: Fix early load of ForemanInternal in initializer	Closed
Refactor # 33957: Require Foreman::Util in initializers	Closed
Refactor # 33964: Load Menu::Loader in 'to_prepare'	Closed
Refactor # 33967: Move basic ActiveRecord::Base custom extensions to ApplicationRecord	Closed
Refactor # 33968: Fix loading of Foreman::Telemetry in initializers	Closed
Refactor # 33975: Move menu loader from registries to services	New
Refactor # 33989: Delay Initialization of ApiPie that depends on Model classes	Closed
Refactor # 33991: Require /lib dependencies in initializers/foreman.rb	Closed
Refactor # 34005: Require middlewares properly	Closed
Refactor # 34006: Plugin and its rbac_support are using Role and Permission models too ...	Closed
Refactor # 34009: Add plugin after_initialize hook	Closed
Refactor # 34010: Add initialization method to RbacRegistry	Closed
Refactor # 34011: Move add_permissions_to_default_roles to rbac_registry	Rejected
Refactor # 34012: Move add_all_permissions_to_default_roles to RbacRegistry	Rejected
Refactor # 34013: Move add_resource_permissions_to_default_roles to RbacRegistry	Rejected
Refactor # 34014: Move role creation into RbacRegistry	Rejected
Refactor # 34015: Move permission creation in DB to RbacRegistry	Rejected
Refactor # 34350: Require 'foreman/telemetry' in ldap initializer	Closed
Refactor # 34353: Fix early load of fog_extensions	Closed
Refactor # 33895: setup Zeitwerk inflector	Ready For Testing
Refactor # 33896: Document how plugins can adjust Zeitwerk inflector	New
Refactor # 34007: Zeitwerk - remove 'foreman/provision' from init/foreman	New
Refactor # 34137: Auto-loading & requiring /lib code	Closed
Refactor # 34138: Autoload ProxyAPI files from /app/services	Closed
Refactor # 34139: Move Foreman::Renderer from lib/ to app/services	Closed

Refactor # 34146: Move services from lib/foreman to app/services/foreman	Closed
Refactor # 34165: Require code from lib folder	Closed
Refactor # 34646: Move initialization from application.rb into initializer	Closed
Bug # 35419: Remove empty webpack_assets.rb file	Closed
<b>Related issues:</b>	
Related to Foreman - Tracker #24837: Rails 6.0 Tracker	Closed
Related to Foreman - Tracker #28570: Rails 6.1 Tracker	Closed
Related to foreman-tasks - Bug #34917: Tasks are loading ApplicationRecord to...	Closed
Blocks Foreman - Tracker #34647: Rails 7.0 Tracker	New

## History

### #1 - 06/03/2020 07:27 AM - Lukas Zapletal

- Related to Tracker #24837: Rails 6.0 Tracker added

### #2 - 06/03/2020 07:28 AM - Lukas Zapletal

- Related to Tracker #28570: Rails 6.1 Tracker added

### #3 - 11/01/2021 10:51 AM - Tomer Brisker

[https://edgeguides.rubyonrails.org/classic\\_to\\_zeitwerk\\_howto.html](https://edgeguides.rubyonrails.org/classic_to_zeitwerk_howto.html)

### #4 - 11/25/2021 03:49 PM - Ondřej Ezr

- Tracker changed from Bug to Feature

### #5 - 03/18/2022 11:36 AM - Ondřej Ezr

- Blocks Tracker #34647: Rails 7.0 Tracker added

### #6 - 05/12/2022 05:26 PM - Ondřej Ezr

- Related to Bug #34917: Tasks are loading ApplicationRecord too soon and it derails Rails added

### #7 - 04/18/2024 10:03 AM - Oleh Fedorenko

- Status changed from New to Assigned

- Assignee set to Oleh Fedorenko

### #8 - 04/18/2024 10:06 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/10131> added