

Redmine - Defect #30753

Plugins auto_load and eager_load paths

2019-02-06 08:25 - Florian Schwab

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Plugin API	Estimated time:	0.00 hour
Target version:	4.0.3	Affected version:	4.0.0
Resolution:	Fixed		
Description <p>This is actually a follow-up patch to #30725 (as I was digging deeper into this topic).</p> <p>If a plugin uses e.g. <i>ActiveJob</i>, <i>ActionCable</i> etc. or puts the mailer classes into app/mailers (Rails default) instead of <i>app/models</i> the current implementation only adds the fixed subdirectories <i>controllers</i>, <i>helpers</i>, <i>models</i> of the app directory to the auto load paths and eager load paths.</p> <p>The contents of <i>Rails.application.config.eager_load_paths</i> will only be eager loaded if eager load is enabled, so adding the plugin directories can be done always not only if eager load is enabled.</p> <p>Rails defines and detects paths that should be included in auto loading or eager loading through an abstraction: https://github.com/rails/rails/blob/v5.2.2/railties/lib/rails/engine/configuration.rb#L37</p> <p>The attached patch uses this to load all paths you would expect from normal Rails app with the same behaviour. This might not be 100% complete but definitely better than it is now.</p> <p>I guess the assets stuff should also be handled accordingly but currently I'm not quite sure how... if I will ever find out, I'll let you know ;-)</p>			
Related issues:			
Related to Redmine - Patch #30725: Plugin eager_load should depend on environ...			Closed
Related to Redmine - Feature #23630: Migrate to Rails 5.2			Closed

Associated revisions

Revision 17923 - 2019-03-04 12:33 - Go MAEDA

Add plugin directories to rails autoload paths (#30753).

Patch by Florian Schwab.

Revision 17924 - 2019-03-04 12:51 - Go MAEDA

Merged r17923 from trunk to 4.0-stable (#30753).

Revision 17958 - 2019-03-15 08:58 - Jean-Philippe Lang

Add plugin lib directory to rails autoload paths (#30753).

Revision 17959 - 2019-03-15 08:58 - Jean-Philippe Lang

Merged r17958 to 4.0-stable (#30753).

History

#1 - 2019-02-24 01:51 - Jens Krämer

- File 0001-adds-plugins-lib-directory-to-auto-eager-load-paths-.patch added

+1

I came up with the attached stop-gap that simply adds lib/ in addition to the app/ folders but your approach seems better / more future-proof to me.

#2 - 2019-02-24 03:03 - Go MAEDA

- Related to Patch #30725: Plugin eager_load should depend on environment setting instead of name added

#3 - 2019-02-24 03:04 - Go MAEDA

- Target version set to Candidate for next major release

#4 - 2019-02-25 04:46 - Jens Krämer

Could we please consider that for a version earlier than 'next major'?

This currently breaks all plugins that rely on auto loading and should be a bug fix in a minor imho :)

#5 - 2019-02-25 04:53 - Go MAEDA

- Target version changed from Candidate for next major release to 4.0.3

Jens, thank you for your advice. I am setting the target version to 4.0.3.

#6 - 2019-02-25 04:53 - Go MAEDA

- Related to Feature #23630: Migrate to Rails 5.2 added

#7 - 2019-03-04 12:52 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch. Thank you for fixing the issue.

#8 - 2019-03-08 05:32 - Jens Krämer

- File 0001-adds-lib-directory-of-plugins-to-eager_load_paths.patch added

Turns out the patch using Rails' engine config does only solve the issue for directories under <plugin>/app. <plugin>/lib still has to be added manually. I attached a patch based on 4.0-stable for that.

#9 - 2019-03-08 05:34 - Go MAEDA

- Status changed from Closed to Reopened

#10 - 2019-03-08 05:45 - Jens Krämer

- File 0001-adds-lib-directory-of-plugins-to-eager_load_paths.patch added

Much better way to do this, please use this patch instead of the one above :)

#11 - 2019-03-15 08:59 - Jean-Philippe Lang

- Status changed from Reopened to Closed

Committed, thanks.

Files

plugin_load_paths.patch	1.17 KB	2019-02-06	Florian Schwab
0001-adds-plugins-lib-directory-to-auto-eager-load-paths-.patch	1.03 KB	2019-02-24	Jens Krämer
0001-adds-lib-directory-of-plugins-to-eager_load_paths.patch	1.12 KB	2019-03-08	Jens Krämer
0001-adds-lib-directory-of-plugins-to-eager_load_paths.patch	897 Bytes	2019-03-08	Jens Krämer