redmine.org-copy202205 - Vote #73849

Reduce coupling between plugins and the "plugins/" directory

2022/05/09 16:53 - Admin Redmine

:	New		:	2022/05/09
:			:	
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:	Plugin API_20		:	0.00
:	Unplanned backlogs_23		:	0.00
Redmine.org_URL:	https://www.redmine.org/issues/13927		**status_id:**	1
category_id:	20		**tracker_id:**	3
version_id:	23		**plus1:**	0
issue_org_id:	13927		**affected_version:**	
author_id:	1188		**closed_on:**	
assigned_to_id:	1188		**affected_version_id:**	
comments:	8			

Today plugins are just directories in @/plugins/@ directory. There are a few implicit assumptions in Redmine code that this is the case, which doesn't add much benefit I think. This reference is needed in the plugin discovery mechanism, but I can see obvious reasons why it may appear anywhere else.

It has at least one disadvantage: it prevents from easily distributing plugins as gems or via an other mechanism (which I think has a long list of advantages that I could enumerate an other day).

An other motivation is that removing this would lead to clearer code I think, we could remove some @Dir.glob@ and @File.xxx@ calls in favor of new, clear methods in @Redmine::Plugin@.

I'll try to work on that and link commit to this issue.

journals

The reason of moving "plugins" to "lib/plugins" is Rails3 prints deprecated warning.

See: r9533.

Toshi MARUYAMA wrote:

> The reason of moving "plugins" to "lib/plugins" is Rails3 prints deprecated warning.
> See: r9533.

Sorry, I posted unrelated matters.

I think Redmine plugin mechanism problem is how to deal assets.
Current Redmine disables asset pipeline.

source:trunk/config/application.rb@11786#L46

Actually that's one problem in Redmine plugins, but I have a few dozen others I could talk about. Re-enabling the asset pipeline can be done today in a standard Redmine plugin but it's a bit hacky and rough around the edges (see "this plugin": https://github.com/jbbarth/redmine_asset_pipeline for a proof-of-concept). I'll write about plugin concerns and some proposals in a blog post soon.

Hi,

I added another issue a while back with a patch that extends this with the (at least in my opinion) missing support for migrations. -> #14402.

Jean-Baptiste Barth wrote:

> Actually that's one problem in Redmine plugins, ...

FYI, OpenProject (GPL3, Redmine fork) uses plugin gem.
https://github.com/opf/openproject/blob/v4.2.2/doc/DEVELOP_PLUGINS.md

related_issues

relates,Closed,14402,Plugin migration directory should use plugin directory
relates,Reopened,24007,Change plugins directory through the configuration.yml file
relates,Reopened,26139,Follow Gemfile's plugin loader as #24007

#1 - 2022/05/10 17:13 - Admin Redmine

- *Plugin API_20*

- *Unplanned backlogs_23*