

Redmine - Defect #32848

Missing log message indicating why "ImageMagick PDF support available (optional)" is unavailable (even with requirements met)

2020-01-21 17:13 - Deoren Moor

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Documentation	Estimated time:	0.00 hour
Target version:			
Resolution:	Fixed	Affected version:	4.1.0

Description

Summary

We recently upgraded from Redmine v4.0.6 to v4.1.0 and when checking the admin/info panel after the upgrade I saw an exclamation for **ImageMagick PDF support available (optional)**, but passing marks for the other checks.

I call myself looking, but I didn't find any error messages related to this in our log file. If nothing else, please consider this a bug report noting a missing error message explaining why the **ImageMagick PDF support available (optional)** item is flagged as broken/problematic in the admin/info UI. That said, it appears that we've met the requirements and still don't have the indicated support.

Environment/Software details

admin/info details

Environment:

Redmine version	4.1.0.stable.19404
Ruby version	2.3.1-p112 (2016-04-26) [x86_64-linux-gnu]
Rails version	5.2.4.1
Environment	production
Database adapter	Mysql2
Mailer queue	ActiveJob::QueueAdapters::AsyncAdapter
Mailer delivery	smtp

SCM:

Subversion	1.9.3
Filesystem	

Redmine plugins:

no plugin installed

Gems

I initially had trouble with the upgrade due to the current Gemfile configuration for sprockets (which [#32839](#) is addressing), but once that was hotfixed (via Gemfile.local entry) the upgrade proceeded without apparent issue.

I checked the gem bundle and I see that mini_magick is installed:

```
$ sudo bundle list | grep magick
 * mini_magick (4.9.5)
```

[Show full gem list](#)[Hide full gem list](#)

```
$ sudo bundle list
Gems included by the bundle:
 * actioncable (5.2.4.1)
 * actionmailer (5.2.4.1)
 * actionpack (5.2.4.1)
 * actionpack-xml_parser (2.0.1)
 * actionview (5.2.4.1)
 * activejob (5.2.4.1)
 * activemodel (5.2.4.1)
 * activerecord (5.2.4.1)
```

```
* activestorage (5.2.4.1)
* activesupport (5.2.4.1)
* addressable (2.7.0)
* arel (9.0.0)
* builder (3.2.4)
* bundler (1.11.2)
* concurrent-ruby (1.1.5)
* crass (1.0.6)
* css_parser (1.7.1)
* csv (3.1.2)
* erubi (1.9.0)
* globalid (0.4.2)
* htmlentities (4.3.4)
* i18n (1.6.0)
* loofah (2.4.0)
* mail (2.7.1)
* marcel (0.3.3)
* method_source (0.9.2)
* mimemagic (0.3.3)
* mini_magick (4.9.5)
* mini_mime (1.0.2)
* mini_portile2 (2.4.0)
* minitest (5.14.0)
* mysql2 (0.5.3)
* net-ldap (0.16.2)
* nio4r (2.5.2)
* nokogiri (1.10.7)
* public_suffix (4.0.3)
* rack (2.1.1)
* rack-openid (1.4.2)
* rack-test (1.1.0)
* rails (5.2.4.1)
* rails-dom-testing (2.0.3)
* rails-html-sanitizer (1.3.0)
* railties (5.2.4.1)
* rake (13.0.1)
* rbpdf (1.20.1)
* rbpdf-font (1.19.1)
* redcarpet (3.5.0)
* request_store (1.4.1)
* roadie (3.5.1)
* roadie-rails (1.3.0)
* rouge (3.12.0)
* ruby-openid (2.9.2)
* sprockets (3.7.2)
* sprockets-rails (3.2.1)
* thor (1.0.1)
* thread_safe (0.3.6)
* tzinfo (1.2.6)
* websocket-driver (0.7.1)
* websocket-extensions (0.1.4)
```

OS packages

Here are what appears to be the relevant installed Ubuntu packages:

ShowHide

```
$ dpkg -l | grep -E 'magic|ghost'
ii  file                           1:5.25-2ubuntu1.3          amd64
    Determines file type using "magic" numbers
ii  ghostscript                     9.26~dfsg+0-0ubuntu0.16.04.12   amd64
    interpreter for the PostScript language and for PDF
ii  imagemagick                    8:6.8.9.9-7ubuntu5.15        amd64
    image manipulation programs -- binaries
ii  imagemagick-6.q16              8:6.8.9.9-7ubuntu5.15        amd64
```

ii	image manipulation programs -- quantum depth Q16		
ii	imagemagick-common	8:6.8.9.9-7ubuntu5.15	all
ii	image manipulation programs -- infrastructure		
ii	libmagic1:amd64	1:5.25-2ubuntu1.3	amd64
	File type determination library using "magic" numbers		
ii	libmagick++-6-headers	8:6.8.9.9-7ubuntu5.15	all
	object-oriented C++ interface to ImageMagick - header files		
ii	libmagick++-6.q16-5v5:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	object-oriented C++ interface to ImageMagick		
ii	libmagick++-6.q16-dev:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	object-oriented C++ interface to ImageMagick - development files		
ii	libmagick++-dev	8:6.8.9.9-7ubuntu5.15	all
	object-oriented C++ interface to ImageMagick		
ii	libmagickcore-6-arch-config:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	low-level image manipulation library - architecture header files		
ii	libmagickcore-6-headers	8:6.8.9.9-7ubuntu5.15	all
	low-level image manipulation library - header files		
ii	libmagickcore-6.q16-2:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	low-level image manipulation library -- quantum depth Q16		
ii	libmagickcore-6.q16-2-extra:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	low-level image manipulation library - extra codecs (Q16)		
ii	libmagickcore-6.q16-dev:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	low-level image manipulation library - development files (Q16)		
ii	libmagickwand-6-headers	8:6.8.9.9-7ubuntu5.15	all
	image manipulation library - headers files		
ii	libmagickwand-6.q16-2:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	image manipulation library		
ii	libmagickwand-6.q16-dev:amd64	8:6.8.9.9-7ubuntu5.15	amd64
	image manipulation library - development files		

Per the notes on [#30492#note-13](#), we meet the ImageMagick 6.8.9 (minimum) version requirement.

History

#1 - 2020-05-05 15:11 - Matt V

Hello!

I think this has to do with minimagick replacing imagemagick:

<https://www.redmine.org/issues/30492>

I also agree that this is somewhat confusing - I still think that this status is still asking for imagemagick and therefore fails.

BTW thanks to all the developers - you are great :)

Kind Regards,
Matt

#2 - 2020-05-06 04:12 - Go MAEDA

An exclamation mark for "ImageMagick PDF support available (optional)" is shown when GhostScript (gs command) is not detected on your server.

Redmine doesn't raise any errors without GhostScript. The only inconvenience without GhostScript is that thumbnails for PDF attachments ([#22481](#)) are not shown.

GhostScript is not used directly by Redmine but via ImageMagick's convert command.

Matt V wrote:

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<https://www.redmine.org/issues/30492>

The library replaced with MiniMagick is RMagick, not ImageMagick. MiniMagick and RMagick are an interface between apps and ImageMagick. So, Redmine 4.1 requires MiniMagick and ImageMagick (RMagick and ImageMagick were required in Redmine 4.0 or earlier).

#3 - 2020-05-06 11:27 - Go MAEDA

- Category changed from PDF export to Documentation

- Status changed from New to Closed

- Resolution set to Fixed

I have just added a document about this. Please see [RedmineAdminInformation](#).