

Redmine - Feature #12529

Use RMagick gem to create thumbnails when available

2012-12-06 23:55 - Alex Shulgin

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:			
Resolution:	Wont fix		
Description			
Attached patch uses RMagick library calls to create image attachment thumbnails when rmagick gem is available, otherwise degrades to shell call to 'convert' utility.			

History

#1 - 2012-12-07 10:18 - Etienne Massip

- Category changed from Attachments to Code cleanup/refactoring
- Target version set to Candidate for next major release

#2 - 2013-01-05 14:48 - Jean-Philippe Lang

I don't know if we should rely on RMagick more than we currently do. The latest release of this gem is almost 3 year old and it looks like we have some issues with using RMagick: [#12480](#), [#12732](#). Please, correct me if I'm wrong but I'm not sure that using RMagick to generate thumbnails is more efficient.

#3 - 2013-01-05 17:19 - Alex Shulgin

Jean-Philippe Lang wrote:

I don't know if we should rely on RMagick more than we currently do. The latest release of this gem is almost 3 year old and it looks like we have some issues with using RMagick: [#12480](#), [#12732](#). Please, correct me if I'm wrong but I'm not sure that using RMagick to generate thumbnails is more efficient.

I'm all for removing dependency on ImageMagick library (ever tried ImageScience: <http://docs.seattlerb.org/ImageScience.html> ?) It just strikes me as extra inefficient to run `convert` via shell for what you could just bind the lib, which I believe RMagick does.

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Alex

#4 - 2013-01-05 18:01 - Jean-Philippe Lang

Alex Shulgin wrote:

I'm all for removing dependency on ImageMagick library

I was speaking about the RMagick gem, not the ImageMagick library

It just strikes me as extra inefficient to run `convert` via shell for what you could just bind the lib, which I believe RMagick does.

This is slower indeed but memory consumption is much lower too.

#5 - 2013-01-05 18:07 - Alex Shulgin

Jean-Philippe Lang wrote:

This is slower indeed but memory consumption is much lower too.

Hm, I don't see how sane implementation of library binding would be consuming noticeable amounts of memory, which suggests RMagick implementation isn't sane.

#6 - 2013-01-05 18:40 - Jean-Philippe Lang

A few pointers:

- <http://stackoverflow.com/questions/13406343/rmagick-correct-way-to-create-a-thumbnail-without-leaking-memory>
- <https://groups.google.com/forum/#!topic/heroku/toIn3wzQX7c>
- <http://thr3ads.net/mongrel-users/2006/12/2110-RMagick-bad-good>
- <https://github.com/minimagick/minimagick#why>

#7 - 2013-01-05 20:12 - Alex Shulgin

OK, I see your point. I think this item can be closed.

Thanks.

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Alex

#8 - 2013-01-05 21:18 - Daniel Felix

- Status changed from *New* to *Closed*

- Target version deleted (*Candidate for next major release*)

- Resolution set to *Wont fix*

Hi Alex,

thanks anyway for your suggestion. I'm closing this ticket now.

Files

39ef6a5564c6b8a8ab74ee728640f01d1fb0b56f.diff	1.8 KB	2012-12-06	Alex Shulgin
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