

## Redmine - Defect #24617

### Browser js/css cache remains after upgrade

2016-12-15 10:05 - Hiroshi Shiroasaki

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	UI	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.4.0	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Browser js/css cache remains after Redmine application upgrade.			
Asset path parameter like "?1481777729" is not added with Rails 4.2. Adding asset id parameters like old Rails 3 would solve the issue.			
<pre>&lt;script src="/redmine/javascripts/application.js?1481777729"&gt;&lt;/script&gt;</pre>			
Attached patch is based on: <a href="http://apidock.com/rails/ActionView/Helpers/AssetTagHelper/rails_asset_id">http://apidock.com/rails/ActionView/Helpers/AssetTagHelper/rails_asset_id</a>			
Redmine version is 3.3.1.devel.			
<b>Related issues:</b>			
Related to Redmine - Defect # 29625: application.css imported by themes not c...			<b>New</b>

#### Associated revisions

##### Revision 16448 - 2017-04-03 07:49 - Jean-Philippe Lang

Restore timestamp in asset paths (#24617).

Patch by Hiroshi Shiroasaki.

#### History

##### #1 - 2017-01-10 11:25 - Toshi MARUYAMA

Good Job!!

Is it related that Redmine does not use asset pipeline?

##### #2 - 2017-01-20 19:56 - luigifab !

+1 Very good patch.

##### #3 - 2017-02-11 14:30 - Go MAEDA

- Target version set to 3.4.0

##### #4 - 2017-02-12 11:05 - Akipii Oga

+1

When upgrading Redmine(2.x→3.x), the screen may collapse.

If you fix with this patch, I want you to merge quickly.

#### #5 - 2017-02-13 15:14 - Toshi MARUYAMA

Toshi MARUYAMA wrote:

```
| Good Job!!  
| Is it related that Redmine does not use asset pipeline?
```

Ref: #13927#note-2

#### #6 - 2017-02-14 02:52 - Pavel Rosický

@toshi - why is the asset pipeline disabled?

btw. suffixes like "filename ?148177729 " are just ignored and still cached by some web-servers.

[http://guides.rubyonrails.org/asset\\_pipeline.html](http://guides.rubyonrails.org/asset_pipeline.html) - using a file digest is safer than using timestamps

ex. <https://redmine.org/assets/myasset-66ca44f5c66abebe01f39e780e5b89159a04e7019c4515792224dd4cae962bbc.js>

#### #7 - 2017-02-14 03:07 - Toshi MARUYAMA

Pavel Rosický wrote:

```
| @toshi - why is the asset pipeline disabled?
```

As #13927#note-3, we don't know how to **port** asset in plugins.

#### #8 - 2017-02-20 04:23 - Kohei Nakamura

### +1 Great Job!

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I was also upgrading to Redmine 2.5.1 to 3.3.2, Redmine layout collapsed!  
I did not understand the cause and attempted to cancel the version upgrade.

However, **Go MAEDA** taught me this patch,

Upgrade succeeded.

I would like to apply the patch so that nobody suffers from this problem.

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In my case, I applied this patch by the following procedure.  
(Redmine 3.3.2)

```
#cd redmine/config/initializers  
#wget http://www.redmine.org/attachments/download/17275/0001-Adds-asset_id-parameters-to-assets.patch  
#patch -u < 0001-Adds-asset_id-parameters-to-assets.
```

and input redmine/config/initializers/10-patches.rb

```
#bundle exec rake tmp:cache:clear tmp:sessions:clear
Apache restart(Redmine Restart).
```

View source in the browser and confirm that it has a parameter string.  
(ex. `***.js.?1486805824`)

#### #9 - 2017-03-09 12:15 - Marius BALTEANU

I didn't test the patch, but the functionality is really needed. Currently, we use a workaround with a pagespeed module for nginx in order to purge the cache after a release with js/css changes.

#### #10 - 2017-04-03 07:50 - Jean-Philippe Lang

- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Resolution set to Fixed

Patch committed, thanks.

#### #11 - 2017-04-09 07:25 - Go MAEDA

- Category set to UI

Since the problem adversely affects web UI, I am setting category field to "UI".

#### #12 - 2017-07-06 17:25 - Greg T

This patch doesn't seem to effect `@import url(../../stylesheets/application.css);` in themes, so I still have to add a Cache-Control header.

```
<IfModule mod_deflate.c>
# DeflateAlterETag NoChange
  RequestHeader edit "If-None-Match" '^((.*)-gzip)$' "$1", "$2"
</IfModule>
<filesMatch "application\.css$" >
<IfModule mod_headers.c>
  Header set Cache-Control "max-age=60, must-revalidate"
</IfModule>
</filesMatch>
```

#### #13 - 2018-09-18 01:28 - Go MAEDA

- Related to Defect #29625: application.css imported by themes not covered by cache control versioning added

### Files

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0001-Adds-asset_id-parameters-to-assets.patch	2.25 KB	2016-12-15	Hiroshi Shiroaki
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