redmine.org-copy.202205 - Vote #79533

application.css imported by themes not covered by cache control versioning

2022/05/09 18:36 - Admin Redmine

:	New	:		2022/05/09
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:	Themes_38	:		0.00
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Redmineorg_URL:	https://www.redmine.org/issues/29625	**status_id:**		1
category_id:	38	**tracker_id:**		1
version_id:	0	**plus1:**		1
issue_org_id:	29625	**affected_version:**		
author_id:	363133	**closed_on:**		
assigned_to_id:	0	**affected_version_id:**		141
comments:	4			

The subject and #24617-12 pretty much says it all.

After an update, the old application.css still gets used by browsers' caches, with no means other than renaming the file and its import statements in the used theme to force cache invalidation.

Partial workaround:
public/themes//stylesheets/application.css

Change import statement
@import url(../../../stylesheets/application.css);

to some other name (e.g. application_v2.css)

Rename public/stylesheets/application.css to e.g. application_v2.css

Also apply the cache control hack in the mentioned ticket.

However, you can still never go back to application.css as browsers will still keep it cached forever. A fix is needed that makes the filename unique on every update, much like all other resources.
This may also affect other resources delivered by themes (e.g. images), so a best practice should be given for how to avoid that as well.

journals

+1

I think this information should be known more.

> Change import statement
> @import url(../../../stylesheets/application.css);
>
> to some other name (e.g. application_v2.css)
>
> Rename public/stylesheets/application.css to e.g. application_v2.css
A "better" workaround is to append a ?version tag instead of renaming the file, that way you don't have to modify redmine internal files. The downside still being that you have to remember to update your theme everytime you upgrade redmine..

Example:

    @import   url(../../../stylesheets/application.css?4.3.2);

So I also modified the cache directive from
https://www.redmine.org/projects/redmine/wiki/BrowserCaching#The-work-round-for-RedMine

I decided to stop caching any files which don't have the ?version tags. At least on redmine 4.2.3, the vast majority of the files have this tag. Only leaving out a few images which are loaded from application.css

```
-    #  the  regex  logic:  after  either  /javascripts/  or  /stylesheets/  find  the  suffixes  we  want,  followed  by  any  quant
-9
+    #  the  regex  logic:  after  either  /javascripts/  or  /stylesheets/  find  the  suffixes  we  want,  followed  by  one  or  r
     #  This  works  because  the  files  we  want  to  cache  always  appear  after  one  of  those  2  directories:      but  n
o  ignore
     #  /journals/edit/24174.js      and   /uploads.js?attachment_id=1&filename=my-file-to-upload.png
-    location  ~*  {{REDMINE_RELATIVE_URL_ROOT}}(?/(?:(?:plugin_assets/¦themes/).+)?(?:javascripts¦stylesheets¦images¦favicon)/.+(?
:css¦js¦jpe?g¦gif¦ico¦png¦html)(\?[0-9]+)?$)  {
+    location  ~*  {{REDMINE_RELATIVE_URL_ROOT}}(?/(?:(?:plugin_assets/¦themes/).+)?(?:javascripts¦stylesheets¦images¦favicon)/.+(
?:css¦js¦jpe?g¦gif¦ico¦png¦html)(\?[0-9]+)$)  {
```

related_issues

relates,Closed,24617,Browser js/css cache remains after upgrade

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#1 - 2022/05/10 17:04 - Admin Redmine

-            *Themes_38*