

## CDN support to jquery/ui lib

2022/05/09 16:41 - Admin Redmine

<b>ステータス:</b>	New	<b>開始日:</b>	2022/05/09
<b>優先度:</b>	通常	<b>期日:</b>	
<b>担当者:</b>		<b>進捗率:</b>	0%
<b>カテゴリ:</b>	Administration_8	<b>予定工数:</b>	0.00時間
<b>対象バージョン:</b>	Candidate for next major release_32	<b>作業時間:</b>	0.00時間
Redmineorg_URL:	https://www.redmine.org/issues/13088	status_id:	1
category_id:	8	tracker_id:	2
version_id:	32	plus1:	0
issue_org_id:	13088	affected_version:	
author_id:	60821	closed_on:	
assigned_to_id:	0	affected_version_id:	
comments:	9		
<b>説明</b>			
<ol style="list-style-type: none"> <li>1. add CDN support to jquery/ui lib -&gt; include css and image files</li> <li>2. Supports multiple CDN. (Google, Microsoft, jquery.com, etc.) -&gt; maybe from config file?</li> <li>3. jQuery version is automatically detected -&gt; no duplicated</li> <li>4. Automatically fallback to local bundled if CDN is down or unreachable</li> </ol>			
<b>journals</b>			
<ol style="list-style-type: none"> <li>1. and 4. could be integrated with something like this (from HTML5 Boilerplate) <ul style="list-style-type: none"> <li>@ <pre>window.jQuery    document.write('&amp;#39;&lt;script src="js/vendor/jquery-1.8.0.min.js"&amp;#39;);@</pre> </li> </ul> </li> <li>2. The first line of the above mentioned code could be dynamic, which is generated depending on the settings in the administration. <ul style="list-style-type: none"> <li>There could be something like a pulldown (just local, jquery, microsoft, google, etc.)</li> </ul> </li> <li>3. Hm, well an automatic detection could be tricky. Example: jQuery updates to jQuery 2.x which possibly remove some function or change some function definition. This could break some features. I would prefer, that the developers choose which version should be used or not.</li> </ol> <p>Don't forget that Redmine can be deployed on a LAN not connected to the Internet.</p> <p>Etienne Massip wrote:</p> <p>Don't forget that Redmine can be deployed on a LAN not connected to the Internet.</p> <p><b>Wouldn't that match case no 4?</b></p> <ol style="list-style-type: none"> <li>1. Hm, well an automatic detection could be tricky. Example: jQuery updates to jQuery 2.x which possibly remove some function or change some function definition. This could break some features. I would prefer, that the developers choose which version should be used or not.</li> </ol> <p>I mean what version of lib we get from CDN should be same as the version from local bundled.</p>			

so it is same API whatever from CDN or local.

Etienne Massip wrote:

Don't forget that Redmine can be deployed on a LAN not connected to the Internet.

Well this would be handled by my mentioned code above. If the extern server isn't available, the local code would be handled.  
OR:

See my point two. If the user selects "none", just the local source would be used.

I'm not sure Redmine should handle CDN configuration; administrators who want to have assets delivered by CDN should already be able to do such with some config:

```
ActionController::Base.asset_host = Proc.new { |source|
  if source =~ /\.?jquery.*?/
    "//ajax.googleapis.com/ajax/libs/jquery"
  end
}
```

(this is a hand-written untested probably nonfunctional example)

You can add fallback mechanism, etc.

See <http://api.rubyonrails.org/classes/ActionView/Helpers/AssetTagHelper.html>.

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JQuery and JQuery-UI are merged in Redmine assets so it wouldn't work. It's hacky anyway and would make the upgrade process painfull. That's the purpose of this request to make using a CDN straightforward.

Jean-Philippe Lang wrote:

JQuery and JQuery-UI are merged in Redmine assets so it wouldn't work.

That was a non-functionnal example for demonstration purpose.

It's hacky anyway

It's Rails configuration?

and would make the upgrade process painfull.

Why would it be? Could be in @config/additional\_environment.rb@, couldn't it?

That's the purpose of this request to make using a CDN straightforward.

IMHO this should be handled by the Rails stack since it can be, rather than Redmine.

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Sure, you can do pretty much everything in @additional\_environment.rb@ if you know about Rails configuration (which changes quite often BTW), Ruby, regexp and all but that's not what we can call "configuration". What I see here is a way to enable a CDN by simply uncommenting something like @jquery\_cdn: google@ in @configuration.yml@.

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履歴

#1 - 2022/05/10 17:14 - Admin Redmine

- カテゴリを Administration\_8 にセット
- 対象バージョンを Candidate for next major release\_32 にセット