Foreman - Bug #15481

Icons URLs incorrect when base URL is changed

06/21/2016 09:14 AM - Thomas Saquet

Status:	New		
Priority:	Normal		
Assignee:			
Category:	Web Interface		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	1.11.2
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Hello,

We are currently testing Foreman 1.11.2 and we found out that the icons are not correctly displayed anymore, as you can see in the attached picture.
It seems that icons URLs are incorrect when under a different base URL. (here we have https://foo.bar/foreman/)

For instance:

```
GET
https://foo.bar/assets/bootstrap/glyphicons-halflings-regular-a26394f7ede100ca118eff2eda08596275a9
839b959c226e15439557a5a80742.woff
```

Instead of:

```
GET
https://foo.bar/foreman/assets/bootstrap/glyphicons-halflings-regular-a26394f7ede100ca118eff2eda08
596275a9839b959c226e15439557a5a80742.woff
```

It seems similar to this old issue:
http://projects.theforeman.org/issues/2646

Thank you for your help,
Regards,
Thomas

History

#1 - 06/21/2016 09:34 AM - Dominic Cleal

- Category set to Web Interface

If you're using our packages with their precompiled assets, I don't know if this is easily fixable as I think it would usually require the assets to be precompiled with the appropriate prefix.

Our packages are obviously precompiled with the default / prefix - so to recompile them you'd do something like: install foreman-assets, run foreman-rake assets:precompile RAILS_RELATIVE_URL_ROOT=/foreman

When using the installer to set up a non-default prefix, the VirtualHost is usually still configured to point to ~foreman/public/ as the document root, so requesting /assets/* still works, while the Passenger app is only loaded at /foreman/. Doing this or something similar (e.g. aliasing /assets) may be the best way to make it work without rebuilding assets.

#2 - 06/21/2016 10:08 AM - Thomas Saquet

Thank you for your quick answer.

Our first test recompiling is a failure since our server is not thought to compile Foreman:

```
foreman@foreman:~$ RAILS_ENV=production ./bin/rake assets:precompile RAILS_RELATIVE_URL_ROOT=/foreman
```

```
rake aborted!
LoadError: cannot load such file -- uglifier
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:247:in `re
quire'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:247:in `bl
ock in require'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:232:in `lo
ad_dependency'
/usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:247:in `re
quire'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/autoload/uglifier.rb:1:in `<top (requi
red)>'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/uglifier_compressor.rb:39:in `initiali
ze'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/uglifier_compressor.rb:24:in `new'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/uglifier_compressor.rb:24:in `instance
'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/uglifier_compressor.rb:28:in `call'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/processor_utils.rb:75:in `call_process
or'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/processor_utils.rb:57:in `block in cal
l_processors'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/processor_utils.rb:56:in `reverse_each
'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/processor_utils.rb:56:in `call_process
ors'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/loader.rb:134:in `load_from_unloaded'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/loader.rb:60:in `block in load'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/loader.rb:317:in `fetch_asset_from_dep
endency_cache'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/loader.rb:44:in `load'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/cached_environment.rb:20:in `block in
initialize'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/cached_environment.rb:47:in `yield'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/cached_environment.rb:47:in `load'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/base.rb:66:in `find_asset'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/base.rb:73:in `find_all_linked_assets'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/manifest.rb:134:in `block in find'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/manifest.rb:133:in `each'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/manifest.rb:133:in `find'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/sprockets/manifest.rb:185:in `compile'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-rails-2.3.3/lib/sprockets/rails/task.rb:70:in `block (3 le
vels) in define'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-3.6.0/lib/rake/sprocketstask.rb:147:in `with_logger'
/usr/share/foreman/vendor/ruby/2.1.0/gems/sprockets-rails-2.3.3/lib/sprockets/rails/task.rb:69:in `block (2 le
vels) in define'
Tasks: TOP => assets:precompile
(See full trace by running task with --trace)
```

We are not in the case you mention at the end of your message, we are behind a reverse proxy and only url finishing with /foreman are redirected to the server. (We can try to hack this but it might conflict with some other service)

If this could be setted in the parameters, it would be perfect. Can we imagine such a thing?

Thank you,
Regards,
Thomas

#3 - 06/21/2016 10:09 AM - Dominic Cleal

Did you install the foreman-assets package?

#4 - 06/21/2016 10:34 AM - Thomas Saquet

Oh. Nope.

We missed the installation part of your previous message. It works :)

Thank you for your help!

Could I have found this by myself? I do not see it in the documentation. It might be interesting to add this to the documentation to upgrade to 1.10 & 1.11.

#5 - 06/21/2016 10:57 AM - Dominic Cleal

Glad it works, I'll leave the ticket open though in case it's possible to fix in a better manner in the future.

We only document precompilation of assets for source installations where it's absolutely necessary, it could be added as an advanced/specific topic for packages in this case.

Files

Capture.PNG	15 KB	06/21/2016	Thomas Saquet