Foreman - Refactor #26790

Recognize ES6 syntax in asset pipeline when compressing for production

05/14/2019 11:18 AM - Ondřej Pražák

<table>
<thead>
<tr>
<th>Status</th>
<th>Rejected</th>
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<tbody>
<tr>
<td>Priority</td>
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</tr>
<tr>
<td>Assignee</td>
<td>Ondřej Pražák</td>
</tr>
<tr>
<td>Category</td>
<td>JavaScript stack</td>
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<tr>
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<td>Difficulty</td>
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<tr>
<td>Triaged</td>
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<td>Bugzilla link</td>
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<tr>
<td>Fixed in Releases</td>
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**Description**

As more legacy js code is moved into webpack, often elements of ES6 syntax are used. However, there are plugins that rely on some parts of the moved js files and are not not webpacked. The problem is that Uglifier is not able to recognize ES6 syntax when compiling assets in production for a non-webpacked plugin and the plugin relies on webpacked assets from core.

**Steps to reproduce:**

1) `foreman 1.22` or later, `foreman_openscap 1.0.0`
2) `rake plugin:assets:precompile['foreman_openscap'] RAILS_ENV='production'`

```ruby
rake aborted!
Uglifier::Error: Unexpected token: punc (()). To use ES6 syntax, harmony mode must be enabled with Uglifier.new(:harmony => true).
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/uglifier-4.1.20/lib/uglifier.rb:234:in `parse_result'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/uglifier-4.1.20/lib/uglifier.rb:216:in `run_uglifyjs'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/uglifier-4.1.20/lib/uglifier.rb:168:in `compile'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/uglifier_compressor.rb:53:in `call'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/processor_utils.rb:75:in `call_processor'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/processor_utils.rb:57:in `block in call_processors'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/processor_utils.rb:56:in `reverse_each'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/processor_utils.rb:56:in `call_processors'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/loader.rb:134:in `block in find'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/loader.rb:60:in `block in load_from_unloaded'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/loader.rb:317:in `fetch_asset_from_dependency_cache'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/loader.rb:44:in `load'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/cached_environment.rb:20:in `block in initialize'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/cached_environment.rb:47:in `load'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/manifest.rb:134:in `block in find'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/manifest.rb:133:in `each'
/home/vagrant/.rvm/gems/ruby-2.4.1/gems/sprockets-3.7.2/lib/sprockets/manifest.rb:133:in `find'
```

**Pull request:**

https://github.com/theforeman/foreman/pull/6759,
https://github.com/theforeman/foreman/pull/6755
Related issues:
Related to Foreman - Bug #26606: Support gridster for plugins        Closed
Related to Foreman - Bug #26800: Running db migrations on nightlies fails with...
Resolved

Associated revisions
Revision 940c0e02 - 05/15/2019 09:34 AM - Ondřej Pražák
Fixes #26790 - Support ES6 in Uglifier

History
#1 - 05/14/2019 11:18 AM - Ondřej Pražák
- Related to Bug #26606: Support gridster for plugins added

#2 - 05/14/2019 11:27 AM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/6755 added

#3 - 05/15/2019 09:34 AM - Ohad Levy
- Target version set to 1.23.0
- Fixed in Releases 1.23.0 added

#4 - 05/15/2019 10:05 AM - Ondřej Pražák
- Status changed from Ready For Testing to Closed

Applied in changeset 940c0e02be5e8138cb3f3691b20b41cc8da42df.

#5 - 05/15/2019 11:33 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/6759 added

#6 - 05/15/2019 02:00 PM - Anonymous
- Target version changed from 1.23.0 to 1.22.0
- Fixed in Releases 1.22.0 added

#7 - 05/15/2019 06:25 PM - Adam Ruzicka
- Related to Bug #26800: Running db migrations on nightlies fails with "LoadError: cannot load such file -- uglifier" added

#8 - 05/16/2019 09:17 AM - Tomer Brisker
- Status changed from Closed to Rejected
- Fixed in Releases deleted (1.22.0, 1.23.0)

The fix for this caused other issues and was reverted.

03/24/2022
- Target version deleted (1.22.0)