Foreman - Bug #23398

Exception thrown from local dev sever on code modifications

04/25/2018 11:18 PM - Peter Lehwess

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Peter Lehwess</td>
</tr>
<tr>
<td>Category:</td>
<td>Development tools</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.19.0</td>
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<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Triaged:</td>
<td>No</td>
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<td>Bugzilla link:</td>
<td></td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/5496">https://github.com/theforeman/foreman/pull/5496</a></td>
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<tr>
<td>Fixed in Releases:</td>
<td>1.19.0</td>
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<tr>
<td>Found in Releases:</td>
<td></td>
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Description
When modifying code locally then the local sever will throw the exception AuditAssociations::AssociationsDefinitions has been removed from the module tree but is still active!

This can be seen when editing a model that inherits from ApplicationRecord and then trying to access any page in the locally running server in the browser.

Related issues:
Related to Foreman - Bug #23195: associations are not audited on creation

Associated revisions
Revision d81dc2a0 - 04/26/2018 08:58 AM - Peter Lehwess
Fixes #23398 - Don't extend classes from within initializers

Any changes to the code locally will kick in rails's auto loading which in turn will then reload all relevant classes, and in the case of changing a model inheriting from ApplicationRecord, then ApplicationRecord be reloaded. So since ApplicationRecord was being extended from within the initializer for audit then it will load the extend however the module with still be hanging around, causing rails throw an argument error: 'A copy of AuditAssociations::AssociationsDefinitions has been removed from the module tree but is still active!'.

Also note, audit_associations needs to be required because at the time of app start up during initialization the audit_associations has not yet been loaded. See the config/application.rb for the loading order and one can see that models are loaded long before the audit_associations.

History
#1 - 04/26/2018 07:19 AM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/5496 added

#2 - 04/26/2018 07:23 AM - Timo Goebel
- Related to Bug #23195: associations are not audited on creation added

#3 - 04/26/2018 07:23 AM - Timo Goebel
- Legacy Backlogs Release (now unused) deleted (330)

#4 - 04/26/2018 07:24 AM - Timo Goebel
- Assignee set to Peter Lehwess

#5 - 04/26/2018 09:03 AM - Anonymous
- % Done changed from 0 to 100
- Status changed from Ready For Testing to Closed

Applied in changeset d81dc2a0c5d51e5855399d6cd2968c5afbb1e440.

#6 - 05/03/2018 11:06 AM - Marek Hulán
- Legacy Backlogs Release (now unused) set to 353

#7 - 07/19/2018 11:25 AM - Ewoud Kohl van Wijngaarden
- Triaged set to No
- Category set to Development tools