

## Foreman - Refactor #13409

### Remove maintain\_test\_schema! Rails initializer

01/27/2016 09:49 AM - Dominic Cleal

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Dominic Cleal	
<b>Category:</b> Rails	
<b>Target version:</b> 1.11.0	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b> <a href="https://github.com/foreman/foreman/pull/3182">https://github.com/foreman/foreman/pull/3182</a>	
<b>Description</b>	
<p>The config/initializers/0_maintain_test_schema.rb initializer added in <a href="#">#7230</a> can potentially be removed with some further fixes.</p> <p>It exists to initialise the test database before the main Rails app and models are initialised, fixing a couple of bugs where loading the model requires the table to already be available. If the table isn't available then validators etc. aren't set up correctly and tests may fail. Removing the initialiser and the test DB, then running rake test shows the issue. More info in <a href="#">#12873</a>.</p> <p><a href="#">#13039</a> fixed one issue, but I think two further fixes are required:</p> <ol style="list-style-type: none"><li>1) validates_lengths_from_database needs to avoid reading DB information to set up its validators. <a href="https://github.com/rubiety/validates_lengths_from_database/pull/12">https://github.com/rubiety/validates_lengths_from_database/pull/12</a> fixes this.</li><li>2) Our own validate_inclusion_in_families validator should not check for the attribute's existence - this check can probably be removed.</li></ol>	
<b>Related issues:</b>	
Related to Foreman - Feature #7230: Upgrade Ruby on Rails to 4.1	<b>Closed</b> <b>08/22/2014</b>
Related to Foreman - Refactor #13039: Remove DB queries from class of Unatten...	<b>Closed</b> <b>01/07/2016</b>
Related to Foreman - Feature #12873: Update Rails to 4.1.latest	<b>Closed</b> <b>12/18/2015</b>
Blocked by Foreman - Bug #13574: Plugins with Setting subclasses raise super:...	<b>Closed</b> <b>02/05/2016</b>

#### Associated revisions

##### Revision f20c2a1a - 02/15/2016 07:22 AM - Dominic Cleal

fixes #13409 - remove early initialisation of test DB

All models etc. referenced within the Rails environment startup, including in initialisers should load without making any reference to the database. This ensures when running `rake test` without a test DB set up already that the Rails env can be loaded first by Rails before it prepares the test DB from db/schema.rb (itself created by a db:migrate in dev/prod envs).

The table\_name for Ptable needed to be overridden, matching ProvisioningTemplate as it defaulted to 'ptables' rather than 'templates' when the `attribute\_names` call was removed from validate\_inclusion\_in\_families.

References to attribute\_names in API controller wrapping overrides were replaced by reusing the protected\_attribute lists, which don't use the database and are also more consistent than the existing lists.

##### Revision 56b90b51 - 02/16/2016 08:04 AM - Dominic Cleal

refs #13409 - min version of validates\_lengths\_from\_database

#### History

**#1 - 01/27/2016 09:49 AM - Dominic Cleal**

- Related to Feature #7230: Upgrade Ruby on Rails to 4.1 added

**#2 - 01/27/2016 09:49 AM - Dominic Cleal**

- Related to Refactor #13039: Remove DB queries from class of UnattendedController added

**#3 - 01/27/2016 09:49 AM - Dominic Cleal**

- Related to Feature #12873: Update Rails to 4.1.latest added

**#4 - 02/08/2016 03:34 AM - Dominic Cleal**

- Blocked by Bug #13574: Plugins with Setting subclasses raise super: no superclass method `load\_defaults' error added

**#5 - 02/08/2016 03:34 AM - Dominic Cleal**

- Status changed from New to Assigned

- Assignee set to Dominic Cleal

**#6 - 02/15/2016 06:23 AM - The Foreman Bot**

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/3182> added

**#7 - 02/15/2016 08:01 AM - Dominic Cleal**

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [f20c2a1abb049b57524fd5cd1e0a9177e9b04fad](#).

**#8 - 02/15/2016 08:07 AM - Dominic Cleal**

- translation missing: en.field\_release set to 71