Foreman - Refactor #24838

set "Rails.application.config.active_record.sqlite3.represent_boolean_as_integer = true" and migrate everything

09/06/2018 08:29 PM - Michael Moll

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Tomer Brisker</td>
</tr>
<tr>
<td>Category:</td>
<td>Database</td>
</tr>
<tr>
<td>Target version:</td>
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<td>Difficulty:</td>
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<td>Triaged:</td>
<td>No</td>
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<td>Bugzilla link:</td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/7171">https://github.com/theforeman/foreman/pull/7171</a></td>
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<tr>
<td>Fixed in Releases:</td>
<td>2.0.0</td>
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<tr>
<td>Found in Releases:</td>
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**Description**

DEPRECATION WARNING: Leaving `ActiveRecord::ConnectionAdapters::SQLite3Adapter.represent_boolean_as_integer` set to false is deprecated. SQLite databases have used 't' and 'f' to serialize boolean values and must have old data converted to 1 and 0 (its native boolean serialization) before setting this flag to true. Conversion can be accomplished setting up a rake task which runs

```
ExampleModel.where("boolean_column = 't'").update_all(boolean_column: 1)
ExampleModel.where("boolean_column = 'f'").update_all(boolean_column: 0)
```

for all models and all boolean columns, after which the flag must be set to true by adding the following to your application.rb file:

```
Rails.application.config.active_record.sqlite3.represent_boolean_as_integer = true
```

**Related issues:**

Related to Foreman - Tracker #21834: Rails 5.2 upgrade tasks

Blocks Foreman - Tracker #24837: Rails 6.0 Tracker

**Associated revisions**

Revision f3350559 - 11/19/2019 05:07 PM - Tomer Brisker

Fixes #24838 - Use integer representation for boolean on sqlite

We don't really need to migrate boolean fields as sqlite isn't supported production database and is only used for running build tasks.

**History**

#1 - 09/06/2018 08:29 PM - Michael Moll

- Blocks Tracker #24837: Rails 6.0 Tracker added

#2 - 09/06/2018 08:30 PM - Michael Moll

- Related to Tracker #21834: Rails 5.2 upgrade tasks added

#3 - 06/14/2019 01:30 PM - Michael Moll

- Tracker changed from Bug to Refactor
#4 - 11/11/2019 03:27 PM - The Foreman Bot
- Assignee set to Tomer Brisker
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/7171 added

#5 - 11/19/2019 05:07 PM - The Foreman Bot
- Fixed in Releases 2.0.0 added

#6 - 11/19/2019 06:01 PM - Tomer Brisker
- Status changed from Ready For Testing to Closed

Applied in changeset f33505598719ee8b866a3f6bad434f26ee91645.