

Foreman - Refactor #14094

Replace DB migration foreign_keys calls with foreign_key_exists?

03/08/2016 07:41 AM - Dominic Cleal

Status: Closed	
Priority: Normal	
Assignee: Dominic Cleal	
Category: DB migrations	
Target version: 1.12.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request: https://github.com/foreman/foreman/pull/3290	
Description	
<p>In Rail 4.2 and higher, where native foreign key support replaces Foreigner, the "foreign_keys" call inside a DB migration should be avoided as it will throw an exception on databases (SQLite) that don't support FKs.</p> <p>https://github.com/rails/rails/blob/6298ac705da92cc793cbf40dd91484d34e01d255/activerecord/lib/active_record/connection_adapter_s/abstract/schema_statements.rb#L671</p> <p>In Foreigner, it returned [] on SQLite. In #13244 (Rails 4.2) I'll add a compatibility layer with a deprecation warning, but our migrations that use this to check whether a key exists should just use the foreign_key_exists? method for better compatibility.</p>	
Related issues:	
Blocks Foreman - Feature #13244: Upgrade Ruby on Rails to 4.2	Closed 01/15/2016

Associated revisions

Revision d273d9cf - 03/08/2016 10:58 AM - Dominic Cleal

fixes #14094 - replace foreign_keys calls with foreign_key_exists?

foreign_keys throws an exception under SQLite in Rails 4.2, so prefer the _exists? call to check for presence of a key as it returns false on DBs without FK support.

History

#1 - 03/08/2016 07:44 AM - Dominic Cleal

- Blocks Feature #13244: Upgrade Ruby on Rails to 4.2 added

#2 - 03/08/2016 07:44 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/3290> added

#3 - 03/08/2016 11:01 AM - Dominic Cleal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [d273d9cfdec2192cf7f22f1f3a69d51c413b9647](#).

#4 - 03/09/2016 09:53 AM - Dominic Cleal

- translation missing: en.field_release set to 136