Foreman - Bug #2264

schema.rb invalid for MySQL, fails creating index on sources.value TEXT column

02/28/2013 09:50 AM - Dominic Cleal

Status:	Closed		
Priority:	Normal		
Assignee:	Dominic Cleal		
Category:	Database		
Target version:	1.2.0		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

On MySQL, the sources table gets created with a full text index in the 20101018120603_create_sources.rb migration:

```
CreateSources: migrating =================================================
-- create_table(:sources)
   -> 0.2536s
-- execute("ALTER TABLE sources ENGINE = MYISAM")
   -> 0.1248s
-- execute("ALTER TABLE sources ADD FULLTEXT (value)")
   -> 0.0606s
CreateSources: migrated (0.4396s) ========================================
```

db/schema.rb gets written out as:

```
create_table "sources", :force => true do |t|
    t.text "value"
  end
  add_index "sources", ["value"], :name => "value"
```

However when this is run as part of loading test fixtures, it fails as it doesn't create a full text index:

```
CREATE TABLE `sources` (`id` int(11) DEFAULT NULL auto_increment PRIMARY KEY, `value` text) ENGINE
=InnoDB
CREATE INDEX `value` ON `sources` (`value`)^[[0m
Mysql::Error: BLOB/TEXT column 'value' used in key specification without a key length: CREATE  IND
EX `value` ON `sources` (`value`)
```

I'd suggest the same fix used for #2126 is applied to sources, or change it to use a SQL schema.

Related issues:

Has duplicate Foreman - Bug #1614: SQL index on sources.value column	**Duplicate**	**05/10/2012**

Associated revisions

Revision bf38fd07 - 03/03/2013 10:14 AM - Dominic Cleal

fixes #2264 - replace fulltext sources.value index with digest

History

#1 - 02/28/2013 10:07 AM - Dominic Cleal

- Status changed from Assigned to Ready For Testing

https://github.com/theforeman/foreman/pull/440

#2 - 03/03/2013 10:14 AM - Ohad Levy

- Target version set to 1.2.0

#3 - 03/03/2013 11:27 AM - Dominic Cleal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [bf38fd07f855b2018916a4d1cbe850d65dca7ba3](bf38fd07f855b2018916a4d1cbe850d65dca7ba3).

#4 - 03/15/2016 07:52 AM - Dominic Cleal

- Has duplicate Bug #1614: SQL index on sources.value column added

#5 - 01/06/2018 11:09 PM - The Foreman Bot

- Description updated

- Pull request https://github.com/theforeman/foreman/pull/5153 added

#6 - 01/06/2018 11:10 PM - Anonymous

- Pull request deleted (https://github.com/theforeman/foreman/pull/5153)