Redmine - Patch #27659
redmine_plugin_model_generator improvements(fixes and timestamps)
2017-11-27 22:11 - Javier Menéndez Rizo

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
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<tr>
<td>Assignee:</td>
<td>Jean-Philippe Lang</td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td>Plugin API</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>4.1.0</td>
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**Description**

Problems fixed:
- parent option not working
- migration option not working

Things added:
- Timestamp for migrations

It would be really nice to add this to the migration generator for plugins.

**Related issues:**
Related to Redmine - Defect # 11024: redmine_plugin_model generator does not ...
Closed

**Associated revisions**

Revision 18298 - 2019-06-20 16:16 - Jean-Philippe Lang
redmine_plugin_model_generator improvements (#27659).
Patch by Javier Menéndez Rizo.

**History**

#1 - 2017-11-28 04:55 - Toshi MARUYAMA
- Related to Defect #11024: redmine_plugin_model generator does not create the migration added

#2 - 2017-11-28 05:02 - Toshi MARUYAMA
Javier Menéndez Rizo wrote:

```
Problems fixed:  - parent option not working
                 - migration option not working
```

Please explain more details.
AFAIK Redmine plugin is based old Rails engines, but current Redmine does not implement full feature of Rails engines.

#3 - 2017-11-28 14:53 - Javier Menéndez Rizo
Problems:  - parent option: before the patch the parent option do nothing because in the model.rb template is not defined

Before patch model.rb template only inherits from ActiveRecord::Base

```
class <<%> @model_class %> < ActiveRecord::Base
```

After patch model.rb template uses the method parent_class_name to calculate the parent and put it on the template
class <%= @model_class %> < <%= parent_class_name.classify %>

- migration option: before the patch the generator always generates the migration file, even if you pass --no-migration

After patch redmine_plugin_model_generator.rb I put a guard clause for generate the migration or not

    return unless options[:migration]
    migration_filename = "%.14d_#{@migration_filename}.rb" % migration_number
    template "migration.rb", "#{plugin_path}/db/migrate/#{migration_filename}"

#4 - 2017-11-28 14:58 - Javier Menéndez Rizo

New feature:

Timestamps in the name of the generated migration file, right now redmine plugins generates the migrations in this form:

    001_create_polls.rb

After patch

    20171127212003_create_polls.rb

#5 - 2017-12-27 18:28 - Toshi MARUYAMA

OK, I see.

On trunk r17132:

    $ rails generate redmine_plugin_model --help
    Usage:
      rails generate redmine_plugin_model NAME MODEL [field[:type][:index] field[:type][:index]] [options]

    Options:
      [--skip-namespace], [--no-skip-namespace] # Skip namespace (affects only isolated applications)
      [--migration], [--no-migration] # Indicates when to generate migration
      [--timestamps], [--no-timestamps]  # Indicates when to generate timestamps
      [--parent=PARENT] # The parent class for the generated model
      [--indexes], [--no-indexes] # Add indexes for references and belongs_to columns
                                  # Default: true

    Runtime options:
      -f, [--force] # Overwrite files that already exist
      -p, [--pretend], [--no-pretend] # Run but do not make any changes
      -q, [--quiet], [--no-quiet] # Suppress status output
      -s, [--skip], [--no-skip] # Skip files that already exist
Description:
Generates a plugin model.

Examples:
  bundle exec rails generate redmine_plugin_model meetings pool

#6 2018-01-25 17:21 - Toshi MARUYAMA
  - Target version set to 4.1.0

#7 2019-06-20 16:17 - Jean-Philippe Lang
  - Category set to Plugin API
  - Status changed from New to Closed
  - Assignee set to Jean-Philippe Lang

Committed, thanks.

Files
redmine_plugin_model_generator.patch 2.89 KB 2017-11-27  Javier Menéndez Rizo