Redmine - Defect #37686

Plugin migration does not work properly if called multiple times with different target versions

2022-09-19 02:48 - crypto gopher

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Plugin API	**Estimated time:**	0.00 hour
Target version:			
Resolution:		**Affected version:**	5.0.2

Description

When testing plugin migrations it is necessary to call plugin migrations more than once, e.g.:

```
# migrate to version A
Redmine::Plugin.migrate('some_plugin', 2)

# ...do some plugin specific database filling...

# try to migrate to version B and see if migration gave proper results
Redmine::Plugin.migrate('some_plugin', 3)
```

The problem is it does not work as expected. Installed migrations are listed and cached in Redmine::Plugin::Migrator @all_versions variable during first migrate() run. Then it is never updated and subsequent migrate() calls operate on its outdated contents.

Quick workaround is to clear @all_versions variable like this:

```
Redmine::Plugin.migrate('some_plugin', 2)

Redmine::Plugin::Migrator.instance_variable_get(:@all_versions)&.delete('some_plugin')

Redmine::Plugin.migrate('some_plugin', 3)
```