Redmine - Patch #43130

Fix random test failures by calling Setting.clear_cache after all tests

2025-08-12 20:48 - Katsuya HIDAKA

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Marius BĂLTEANU	**% Done:**	0%
Category:	Code cleanup/refactoring	**Estimated time:**	0.00 hour
Target version:	6.1.0		

Description

This patch fixes random test failures that happen because Settings state is not consistent when tests start.

It's likely that random test failures like the ones below are caused by a Settings cache from previous tests affecting the current test.

https://github.com/redmine/redmine/actions/runs/16861987913/job/47763524042

```
Failure:
MenuManagerTest#test_cross_project_menu_should_hide_item_if_module_is_not_enabled_for_any_project
[test/integration/lib/redmine/menu_manager_test.rb:144]:
Expected at least 1 element matching "#projects-index", found 0.
Expected 0 to be >= 1.

bin/rails test test/integration/lib/redmine/menu_manager_test.rb:123
```

https://github.com/hidakatsuya/redmine/actions/runs/16886193502/job/47834442073

```
ailure:
NewsControllerTest#test_show [test/functional/news_controller_test.rb:78]:
Expected: "JS eCookbook first release !"
Actual: "eCookbook first release !".
Expected 0 to be >= 1.

bin/rails test test/functional/news_controller_test.rb:74
```

This patch ensures Setting.clear_cache is run after every test completes. It's believed that no tests require the previous setting state.

I have verified that all tests are passing consistently over at least three runs.

Associated revisions

Revision 23915 - 2025-08-13 07:31 - Marius BĂLTEANU

Run Setting.clear_cache after each test in order to decrease the number of random failing tests (#43130).

Patch by Katsuya HIDAKA (user:hidakatsuya).

History

#1 - 2025-08-13 07:31 - Marius BĂLTEANU

- Status changed from New to Resolved

- Assignee set to Marius BĂLTEANU

- Target version set to 6.1.0

Committed, thanks!

#2 - 2025-08-13 22:41 - Marius BĂLTEANU

- Status changed from Resolved to Closed

Files

Fix-random-test-failures-by-calling-Setting.clear_cache-after-all-tests.diff	05 KB	2025-08-12	Katsuya HIDAKA