

## Redmine - Feature #35030

### Allow parallel testing

2021-04-04 15:47 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Rails support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	5.0.0		
<b>Resolution:</b>	Fixed		

#### Description

Rails 6.0 or later supports parallel testing. Enabling this feature can reduce the time required for testing and improve development efficiency.

<https://guides.rubyonrails.org/testing.html#parallel-testing>

By applying the following patch and run the test suite with PARALLEL\_WORKERS=6 environment variable in my environment, the time required to run the test suite was reduced to about 30%.

```
diff --git a/test/test_helper.rb b/test/test_helper.rb
index 10f4f6e35..95b877d44 100644
--- a/test/test_helper.rb
+++ b/test/test_helper.rb
@@ -53,6 +53,8 @@ class ActionView::TestCase
  end

  class ActiveSupport::TestCase
+   parallelize(workers: 1)
+
+   include ActionDispatch::TestProcess

+   self.use_transactional_tests = true
```

The reason why the number of workers is set to 1 is that parallel testing causes some errors in system test.

#### Associated revisions

##### Revision 20920 - 2021-04-06 08:27 - Go MAEDA

Allow parallel testing (#35030).

Patch by Go MAEDA.

##### Revision 20928 - 2021-04-12 07:21 - Go MAEDA

Update svn:ignore to ignore SQLite3 databases for parallel testing (#35030).

##### Revision 20929 - 2021-04-12 07:25 - Go MAEDA

Update .gitignore to ignore SQLite3 databases for parallel testing (#35030).

##### Revision 20930 - 2021-04-12 07:27 - Go MAEDA

Update .hgignore to ignore SQLite3 databases for parallel testing (#35030).

#### History

##### #1 - 2021-04-06 02:20 - Go MAEDA

- File 35030.patch added
- Subject changed from Enable parallel testing to Allow parallel testing
- Target version set to 5.0.0

Setting the target version to 5.0.0.

**#2 - 2021-04-06 08:29 - Go MAEDA**

- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the change.

Now you can run tests in parallel by setting PARALLEL\_WORKERS environment variable.

```
PARALLEL_WORKERS=8 bin/rails test
```

**#3 - 2021-04-06 11:17 - Go MAEDA**

- Description updated

**Files**

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35030.patch	907 Bytes	2021-04-06	Go MAEDA
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