Allow parallel testing

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).
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**

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>35030.patch</td>
<td>907 B</td>
<td>2021-04-06</td>
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</tbody>
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