Redmine - Patch #33315

IssuesSystemTest#test_bulk_watch_issues_via_context_menu randomly fails due to Capybara clicks out of context menu

2020-04-19 16:18 - Massimo Rossello

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Go MAEDA</td>
<td>% Done: 0%</td>
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<td>Category:</td>
<td>Code cleanup/refactoring</td>
<td>Estimated time: 0.00 hour</td>
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<tr>
<td>Target version:</td>
<td>4.2.0</td>
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Description

Sometimes, the IssuesSystemTest#test_bulk_watch_issues_via_context_menu test fails for click_link loosing the focus on the context menu entry.

According to my googling, this seems to be a known sporadic Capybara issue. Solution seems to use find().hover.click instead of click_link. The hover seems to help ensure that click is not applied out of element boundaries whatever the javascript asynchronous execution.

Refer to this comment: [http://aokolish.me/blog/2012/01/22/testing-hover-events-with-capybara/#comment-2118167329](http://aokolish.me/blog/2012/01/22/testing-hover-events-with-capybara/#comment-2118167329)

Adding sleeps either before or after click_link has no effect instead.

How to reproduce:

the following fails sporadically

RAILS_ENV=test bundle exec rails test:system TESTOPTS="-n
'/(?::IssuesSystemTest#(?:test_bulk_watch_issues_via_context_menu))$/'"

Attached my proposed path. Thanks

Associated revisions

Revision 20017 - 2020-09-12 10:05 - Go MAEDA

IssuesSystemTest#test_bulk_watch_issues_via_context_menu randomly fails due to Capybara clicks out of an element (#33315).

Patch by Massimo Rossello.

History

#1 - 2020-04-20 11:17 - Go MAEDA
- Target version set to Candidate for next major release

#2 - 2020-04-25 09:30 - Go MAEDA
- Category set to Code cleanup/refactoring
- Target version changed from Candidate for next major release to 4.2.0

Setting the target version to 4.2.0.

#3 - 2020-09-12 10:05 - Go MAEDA
- Subject changed from System tests: Capybara sometimes clicks out of context menu to

IssuesSystemTest#test_bulk_watch_issues_via_context_menu randomly fails due to Capybara clicks out of context menu
- Status changed from New to Closed
- Assignee set to Go MAEDA

Committed the fix. Thank you.

Files

<table>
<thead>
<tr>
<th>File</th>
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<th>Date</th>
<th>Author</th>
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<tbody>
<tr>
<td>capybara_click.diff</td>
<td>990 Bytes</td>
<td>2020-04-19</td>
<td>Massimo Rossello</td>
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