

## Orangutan::Redmine - Improvement #1609

### Use text similarity score when suggesting renaming or replacing

02 Feb 2011 13:33 - Andriy Lesyuk

|   |               |                        |             |
|---|---------------|------------------------|-------------|
| <b>Status:</b>  | Open          | <b>Start date:</b>     | 02 Feb 2011 |
| <b>Priority:</b>  | Normal        | <b>Due date:</b>       |             |
| <b>Assignee:</b>  | Andriy Lesyuk | <b>% Done:</b>         | 0%          |
| <b>Category:</b>  |               | <b>Estimated time:</b> | 0.00 hour   |
| <b>Target version:</b>  | 1.07          |                        |             |
| <b>Description</b>  |               |                        |             |
| <p>Right now the Task context suggests renaming when task parameters (start time etc) looks to be similar. This is not very good... For example, when a user makes a mistake in a word and tries to correct the task name Orangutan suggests replacing while he should suggest renaming.</p> <p>So when suggesting renaming or replacing Orangutan should take into account text similarity score.</p> <p>There are some implementations for Perl, for example, <a href="#">Text::Similarity</a>. This module seems to be developed by scientists and seems to be what I need. But... it should be checked if it works as needed. And the speed should be tested.</p> <p>If one would ask me how would I do this... I would answer:</p> <ol style="list-style-type: none"><li>1. I would remove all punctuation leaving only latin;</li><li>2. I would consider first and last letter of each word and all other letters sorted (there were some research about this);</li><li>3. Then I would compare similarity using words match.</li></ol> <p>I believe something like this should be written and compared to <a href="#">Text::Similarity</a>.</p> |               |                        |             |

#### History

##### #1 - 02 Feb 2011 13:34 - Andriy Lesyuk

- Target version set to 1.07

##### #2 - 01 Mar 2011 14:36 - Andriy Lesyuk

- Tracker changed from Feature to Improvement

- Project changed from Orangutan to Orangutan::Redmine