Redmine - Defect #15135
Issue#update_nested_set_attributes comparing nil with empty string
2013-10-15 16:39 - Rafal Lisowski

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Jean-Philippe Lang</td>
<td></td>
</tr>
<tr>
<td>Category:</td>
<td>Code cleanup/refactoring</td>
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</tr>
<tr>
<td>Target version:</td>
<td>2.4.0</td>
<td>Estimated time: 0.00 hour</td>
</tr>
<tr>
<td>Resolution:</td>
<td>Fixed</td>
<td>Affected version: 2.3.3</td>
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**Description**

I had problem with slow issue update. Issue have ~20 subtasks and 1 related issue. Update on that task always ended with timeout error.

It's appears that Issue#update_nested_set_attributes (after_save hook) there is comparison `parent_issue_id != parent_id`.

In my case `parent_issue_id` was nil and `parent_id` empty string, it's leads to unnecessary code execution.

When I change:

```ruby
elsif parent_issue_id != parent_id
```

to

```ruby
elsif parent_issue_id.to_i != parent_id.to_i
```

update is now 4 times faster.

Ruby: 1.9.3-p429
Rails: 3.2.13
Redmine: 2.3.3

**Associated revisions**

Revision 12226 - 2013-10-20 11:25 - Jean-Philippe Lang

Fixed that issue nested set update is triggered even if parent is not changed (#15135).

**History**

#1 - 2013-10-20 11:30 - Jean-Philippe Lang
- Category changed from Issues to Code cleanup/refactoring
- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Target version set to 2.4.0
- Resolution set to Fixed

I fixed the root cause in `parent_issue_id=` rather than the comparaison and added a few tests to make sure that this code is called only when needed (r12226), thanks for pointing this out.