**Redmine - Defect #5676**  
**Search for Numeric Value**  
2010-06-11 19:15 - Erich Rockman

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>2010-06-11</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Eric Davis</td>
<td>% Done:</td>
<td>100%</td>
</tr>
<tr>
<td>Category:</td>
<td>Search engine</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.0.0 (RC)</td>
<td>Affected version:</td>
<td>0.9.4</td>
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**Description**

I created a custom field of type LongText to hold a ticket number from a vendor. I created an issue and entered the value 4615713488 in the field. I made it searchable and filterable. However, when I search for the value 4615713488 from the search box on the top, it throws an Internal Server Error. This is the dump from the production.log:

```
Parameters: {"action":"index", "id":"jrit", "issues":"1", "q":"567577567576", "controller":"search"}
[0m

[0m

SQL (0.0ms)   SELECT max("settings".updated_on) AS max_updated_on FROM "settings"
[0m

User Load (0.0ms)   SELECT * FROM "users" WHERE ("users"."id" = 3) AND (users.status = 1) AND (users."type" = 'User' OR "users"."type" = 'AnonymousUser' )
[0m

Project Load (0.0ms)   SELECT * FROM "projects" WHERE ("projects"."identifier" = E'jrit')
[0m

Role Load (0.0ms)   SELECT * FROM "roles" WHERE ("roles"."builtin" = 1)
[0m

Member Load Including Associations (0.0ms)   SELECT "members"."id" AS t0_r0, "members"."user_id" AS t0_r1, "members"."project_id" AS t0_r2, "members"."created_on" AS t0_r3, "members"."mail_notification" AS t0_r4, "projects"."id" AS t1_r0, "projects"."name" AS t1_r1, "projects"."description" AS t1_r2, "projects"."homepage" AS t1_r3, "projects"."is_public" AS t1_r4, "projects"."parent_id" AS t1_r5, "projects"."created_on" AS t1_r6, "projects"."updated_on" AS t1_r7, "projects"."identifier" AS t1_r8, "projects"."status" AS t1_r9, "projects"."lft" AS t1_r10, "projects"."rgt" AS t1_r11, "roles"."id" AS t2_r0, "roles"."name" AS t2_r1, "roles"."position" AS t2_r2, "roles"."assignable" AS t2_r3, "roles"."builtin" AS t2_r4, "roles"."permissions" AS t2_r5 FROM "members" LEFT OUTER JOIN "projects" ON (members."id" = projects."id") ORDER BY projects.name
[0m

PgError: ERROR: value "567577567576" is out of range for type integer
```

It appears to me that the system thinks it is an issue number because the value is numeric. However, if I put it in double quotes like this "4615713488" it returns the correct ticket. I cannot count on my users knowing to do that when searching for something.

Any advice?

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**History**

#1 - 2010-06-20 21:20 - Holger Just
- File 5676_large_integer_search.diff added

Postgres stumbles over the too large integer. Sqlite3 does not care. And I have no idea about mysql.

The attached patch should fix this.
Committed a fix in r3806. I could only reproduce this on Postgres 8.3, I think 8.4 changed this behavior.

Files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
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<td>1.25 KB</td>
<td>2010-06-20</td>
<td>Holger Just</td>
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