


JIRA Number fields, without the commas

JIRA has this annoying habit of adding commas to Number custom fields:

Transaction ID: 10,002


Sometimes a comma is appropriate, but sometimes it isn't. There is a feature request to make commas optional (

 [JRASERVER-7582](#) - Inconsistency in rendering of number fields FUTURE CONSIDERATION), but the limitation is baked deep into the custom field system, and since the request has been open since 2005, I'm not holding my breath.

Possible alternative: use a Text field


A workaround is to use a **Text field (single line)** instead, but then:


- there is no input validation to ensure what's entered is a number
- with text fields, you can't do greater-than or less-than comparisons

 "Transaction ID" > 10000

- with text fields, you can't use JQL's equals operator ("Transaction ID" = 10002)

Search Save as

 "Transaction ID" = 12345

 The operator '=' is not supported by the 'Transaction ID' field.

(see  [JRASERVER-21372](#) - Allow exact-text searching in JQL UNDER CONSIDERATION)

- with text fields, you can't use JQL's IN operator ("Transaction ID" IN (10002, 10003)):

Search Save as

 "Transaction ID" IN (12345)

 The operator 'in' is not supported by the 'Transaction ID' field.

There are workarounds for the problems with this workaround: input validation can be achieved with a [post-function validator](#). The last two problems can be fixed by install a plugin – [Stattable Searchers](#) or [Natural Searchers](#).

Hacking JIRA

The final solution (for [non-Cloud](#)) is to tweak JIRA's Number field velocity template. Specifically:

- find the ID of the Number custom field you'd like to de-comma. The ID can be seen in the URL when editing or configuring the custom field in the administration section. For this example we use ID 16300.
- edit `atlassian-jira/WEB-INF/classes/templates/plugins/fields/view/view-number.vm`
- Replace the line:

```
$!numberTool.format($value)
```

with lines:

```
#if($customField.id == 'customfield_16300')
$value.longValue()
#else
$!numberTool.format($value)
#end
```

4. Restart JIRA.

This is what [Atlassian's KB article](#) suggests, except that here we do it for one field only. Also, the KB article's suggestion to make velocity templates editable by editing `velocity.properties` no longer works.

Note that the hack will need to be ported forward every time you upgrade JIRA.