Show the number of attachments on wiki pages

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Status: Closed  
Priority: Normal  
Assignee: Go MAEDA  
Category: Wiki  
Target version: 3.4.6

**Description**

I noticed the problem that users cannot know whether there are any attachments unless users expand the "File" section by clicking it.

To resolve the problem, I suggest showing attachments count on "Files" section. Please see the screenshots below for the details.

```markdown
before
before.png
```

```markdown
after
after.png
```

Patch: attachment:show_attachments_count_of_wiki_page_trunk_r16963.patch  
(Compatible the latest trunk r16963.)

**Related issues:**

- Related to Redmine - Feature # 27085: Display a counter beside each tab  
  - New
- Related to Redmine - Feature # 12183: Hide attachments by default on wiki pages  
  - Closed
- Duplicated by Redmine - Feature # 28893: Show number of attached files in Wik...  
  - Closed

**Associated revisions**

Revision 17231 - 2018-03-10 03:36 - Go MAEDA

Show the number of attachments on wiki pages (#27090).  
Patch by Tomomi Yuzuriha.

Revision 17364 - 2018-06-03 07:00 - Go MAEDA

Merged r17231 from trunk to 3.4-stable (#27090).

**History**

- **#1 - 2017-09-28 14:27 - Mischa The Evil**
  - Target version set to Unplanned backlogs

  Nice one, although it can slow down wiki page rendering if a page contains lots of attachments.

- **#2 - 2017-10-27 09:43 - Toshi MARUYAMA**
  - Related to Feature #27085: Display a counter beside each tab added
Alternatively, is there a way of having the files section by expanded by default?

File `show_attachments_count_of_wiki_page-v2.diff` added

Mischa The Evil wrote:

> Nice one, although it can slow down wiki page rendering if a page contains lots of attachments.

I slightly improved the Tomomi Yuzuriha's patch to avoid the slowdown caused by additional SQL query ("SELECT COUNT(*) FROM ..."). I replaced `count` method with `length` method. With this change, I think the slowdown that Mischa wrote will never happen.

Vanilla Redmine:

Attachment Load (0.4ms) SELECT "attachments".* FROM "attachments" WHERE "attachments"."container_id" = ? AND "attachments"."container_type" = ? ORDER BY attachments.created_on ASC, attachments.id ASC [["container_id", 1], ["container_type", "WikiPage"]]

Rendered wiki/_content.html.erb (147.0ms)

CACHE Attachment Load (0.0ms) SELECT "attachments".* FROM "attachments" WHERE "attachments"."container_id" = ? AND "attachments"."container_type" = ? ORDER BY attachments.created_on ASC, attachments.id ASC [["container_id", 1], ["container_type", "WikiPage"]]

With Tomomi Yuzuriha's patch applied:

It requires one more query ("SELECT COUNT(*) FROM ..."). It can cause the slowdown as Mishca pointed out.

Attachment Load (0.2ms) SELECT "attachments".* FROM "attachments" WHERE "attachments"."container_id" = ? AND "attachments"."container_type" = ? ORDER BY attachments.created_on ASC, attachments.id ASC [["container_id", 1], ["container_type", "WikiPage"]]

Rendered wiki/_content.html.erb (74.0ms)

CACHE Attachment Load (0.0ms) SELECT "attachments".* FROM "attachments" WHERE "attachments"."container_id" = ? AND "attachments"."container_type" = ? ORDER BY attachments.created_on ASC, attachments.id ASC [["container_id", 1], ["container_type", "WikiPage"]]

Replaced count with length:

Queries are identical with vanilla Redmine. There isn't "SELECT COUNT(*) FROM ..." which can cause the slowdown.

Attachment Load (0.2ms) SELECT "attachments".* FROM "attachments" WHERE "attachments"."container_id" = ? AND "attachments"."container_type" = ? ORDER BY attachments.created_on ASC, attachments.id ASC [["container_id", 1], ["container_type", "WikiPage"]]

Rendered wiki/_content.html.erb (151.1ms)

CACHE Attachment Load (0.0ms) SELECT "attachments".* FROM "attachments" WHERE "attachments"."container_id" = ? AND
I am setting target version to 4.1.0.

Committed. Thank you for your contribution.

This change is very small but useful. I think it should be delivered as soon as possible.

Merged to 3.4-stable branch.

Files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
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<tbody>
<tr>
<td>before.png</td>
<td>50.6 KB</td>
<td>2017-09-28</td>
<td>Tomomi Yuzuriha</td>
</tr>
<tr>
<td>after.png</td>
<td>49.6 KB</td>
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<td>Tomomi Yuzuriha</td>
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<tr>
<td>show_attachments_count_of_wiki_page_trunk_r16963.patch</td>
<td>615 Bytes</td>
<td>2017-09-28</td>
<td>Tomomi Yuzuriha</td>
</tr>
<tr>
<td>show_attachments_count_of_wiki_page-v2.diff</td>
<td>641 Bytes</td>
<td>2018-01-14</td>
<td>Go MAEDA</td>
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