

## Redmine - Defect #11118

### "Maximum file size" displayed on upload forms is incorrect

2012-06-08 12:00 - Hubert B

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Attachments	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.0.3	<b>Affected version:</b>	2.0.1
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Hi there!			
I just discovered a small issue: Setting "Maximum attachment size" in the Administrator's panel to 25600 kB causes a "Maximum file size" to be shown as 30 MB.			
<b>Steps to reproduce:</b>			
<ol style="list-style-type: none"><li>1. Log in as administrator and set "Maximum attachment size" to 25600 kB</li><li>2. Change to a project</li><li>3. Go to the file tab</li><li>4. Select "New file"</li><li>5. Observe "Maximum file size" being displayed as 30 MB</li><li>6. Go back to a project</li><li>7. Select "New issue"</li><li>8. Observe "Maximum size" being displayed as 30 MB</li></ol>			
<b>My system:</b>			
<ul style="list-style-type: none"><li>• Debian Squeeze</li><li>• PostgreSQL 8.4.11-0squeeze1</li><li>• Ruby 1.8.7.302-2squeeze1</li><li>• Rails 3.2.3</li><li>• Redmine 2.0.1</li></ul>			

#### Associated revisions

**Revision 9782 - 2012-06-09 09:46 - Jean-Philippe Lang**

Change in Rails' for handling localized number precision (#11118).

**Revision 9784 - 2012-06-09 09:57 - Jean-Philippe Lang**

Restored KB instead of kB (#11118).

**Revision 9794 - 2012-06-09 16:09 - Jean-Philippe Lang**

Set human size precision to Rails' default which is now 3 (#11118).

#### History

**#1 - 2012-06-08 20:44 - Jean-Philippe Lang**

- Status changed from New to Confirmed

Reproduced with language set to English. Works fine with language set to French.

**#2 - 2012-06-08 20:55 - Etienne Massip**

Please also have a look at [RE: Unit for Maximum Attachment Size - KiB or kB](#).

**#3 - 2012-06-09 09:47 - Jean-Philippe Lang**

- Status changed from Confirmed to Resolved

- Target version set to 2.0.3

- Resolution set to Fixed

Fixed in [r9782](#). It seems that Rails now uses the precision as the number precision instead of the decimal precision in 2.x.

**#4 - 2012-06-09 10:00 - Jean-Philippe Lang**

Etienne Massip wrote:

Please also have a look at [RE: Unit for Maximum Attachment Size - KiB or kB](#).

You're right, reverted to KB in [r9784](#). I personally dislike IEC prefixes.

**#5 - 2012-06-09 16:20 - Jean-Philippe Lang**

- Subject changed from "Maximum file size" differs from "Maximum attachment size" to "Maximum file size" displayed on upload forms is incorrect
- Status changed from Resolved to Closed

Merged in 2.0-stable.

**#6 - 2012-06-09 16:34 - Etienne Massip**

- Status changed from Closed to Reopened

Jean-Philippe Lang wrote:

Etienne Massip wrote:

Please also have a look at [RE: Unit for Maximum Attachment Size - KiB or kB](#).

You're right, reverted to KB in [r9784](#). I personally dislike IEC prefixes.

Actually I'm right about the inconsistency between the prefix used in settings (kB for 1000 bytes) and the actual check based on a Numeric#kilobytes of 1024 bytes, but was wrong about the revert: KB is indeed not a legal prefix. So, maybe we should either set kB back again and change the check to use `number_human_format_size :prefix => :si` or set the prefix in settings to 'KiB' which is arguably not very understandable yet?

**#7 - 2012-06-09 16:52 - Jean-Philippe Lang**

- Status changed from Reopened to Closed

Rails' default is KB and I'm fine with it. According to Wikipedia the symbol for [Kilobyte](#) is kB or KB.