

## Redmine - Defect #6256

### Redmine considers non ASCII and UTF-16 text files as binary in SCM

2010-08-31 17:08 - Victor Gavro

<b>Status:</b>	Closed	<b>Start date:</b>	2010-08-31
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	Toshi MARUYAMA	<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.2.0	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b> If source file contains less than 30% of ascii symbols - redmine threats it as binary. It's affected when browsing repository: /projects/PROJECT/repository/entry/FILE (redmine just starts downloading, not showing source file). The problem is that redmine relies on string method <a href="http://apidock.com/ruby/String/is_binary_data%3F">http://apidock.com/ruby/String/is_binary_data%3F</a> I understand this is ruby problem, but redmine could do some more checks - at least check for BOM marks.  more information here: <a href="#">when trying to open files in repository.but downloading s...</a>			
<b>Related issues:</b>			
Related to Redmine - Patch #6416: When viewing utf-8 text file in repository,...		Closed	2010-09-16
Related to Redmine - Feature #4477: Use mime types in downloading from reposi...		Closed	2009-12-23
Related to Redmine - Feature #2209: MIME type support for repository Entries		Closed	2008-11-17
Related to Redmine - Patch #3770: text/html documents force currently firefox...		Closed	2009-08-23
Related to Redmine - Feature #6374: File raw view mode		Closed	2010-09-12
Has duplicate Redmine - Defect #7134: is_binary_data uses wrong heuristic to ...		Closed	2010-12-19

#### Associated revisions

##### Revision 5198 - 2011-03-22 11:45 - Toshi MARUYAMA

scm: filesystem: add test of no extension file whose content is only ASCII can be showing (#6256).

##### Revision 5202 - 2011-03-22 12:26 - Toshi MARUYAMA

scm: mercurial: add test of binary file should be force download in functional test (#6256).

##### Revision 5203 - 2011-03-22 16:30 - Toshi MARUYAMA

scm: filesystem: update test repository for non ascii text files displaying (#6256).

##### Revision 5204 - 2011-03-22 16:31 - Toshi MARUYAMA

scm: fix non ascii text files displaying (#6256).

##### Revision 5205 - 2011-03-22 16:32 - Toshi MARUYAMA

scm: filesystem: add test for non ascii text file displaying (#6256).

##### Revision 5206 - 2011-03-22 16:32 - Toshi MARUYAMA

scm: filesystem: add test for UTF-16 file displaying (#6256).

##### Revision 5207 - 2011-03-22 16:33 - Toshi MARUYAMA

scm: filesystem: add test for displaying file over max size limit (#6256).

##### Revision 5211 - 2011-03-23 00:49 - Toshi MARUYAMA

scm: filesystem: increase non ascii contents ratio of test repository (#6256).

#### History

**#1 - 2011-03-21 10:52 - Toshi MARUYAMA**

- Category set to SCM
- Status changed from New to 7
- Assignee set to Toshi MARUYAMA

**#2 - 2011-03-21 10:52 - Toshi MARUYAMA**

- Subject changed from Redmine considers some not-ascii text files as binary to Redmine considers some not-ascii text files as binary in SCM

**#3 - 2011-03-23 12:04 - Toshi MARUYAMA**

- Status changed from 7 to Closed
- Target version set to 1.2.0
- Resolution set to Fixed

I finished implementing until [r5211](#).

**#4 - 2011-03-23 12:05 - Toshi MARUYAMA**

- Subject changed from Redmine considers some not-ascii text files as binary in SCM to Redmine considers some not-ascii and UTF-16 text files as binary in SCM

**#5 - 2011-03-23 12:06 - Toshi MARUYAMA**

- Subject changed from Redmine considers some not-ascii and UTF-16 text files as binary in SCM to Redmine considers non ASCII and UTF-16 text files as binary in SCM

**#6 - 2017-04-10 15:29 - Toshi MARUYAMA**

- Description updated