Redmine - Feature #3346

Support for cross-project revision links

2009-05-12 22:09 - James Wells

Status:	Closed		**Start date:**	2009-05-12
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	100%
Category:	Text formatting		**Estimated time:**	0.00 hour
Target version:				
Resolution:	Duplicate			

Description

It may sometimes be useful to be able to reference a specific repository revision in one project from another project, for example if an issue is partially addressed by a change in a sub-project. Whereas a revision link can be done with !r1234, a cross-project link could be done with r:project:1234.

The following patch shows how this could be done with relatively little change (although I haven't done much testing as to whether or not it breaks any other linking):

```
Index: app/helpers/application_helper.rb
===========================================================
--- app/helpers/application_helper.rb   (revision 2717)
+++ app/helpers/application_helper.rb   (working copy)
@@ -385,15 +385,25 @@
      #       export:some/file -> Force the download of the file
      #  Forum messages:
      #       message#1218 -> Link to message with id 1218
-      text = text.gsub(%r{([\s\(,\-\>]|^)(!)?(attachment|document|version|commit|source|export|me
ssage)?((#|r)(\d+)|(:)([^"\s<>][^\s<>]*?|"[^"]+?"))(?=(?=[[:punct:]]\W)|\s|<|$)}) do |m|
-        leading, esc, prefix, sep, oid = $1, $2, $3, $5 || $7, $6 || $8
+      text = text.gsub(%r{([\s\(,\-\>]|^)(!)?(attachment|document|version|commit|source|export|me
ssage)?((#|r)(\:[^\:\s]+\:)?(\d+)|(:)([^"\s<>][^\s<>]*?|"[^"]+?"))(?=(?=[[:punct:]]\W)|\s|<|$)}) d
o |m|
+        leading, esc, prefix, sep, revproj, oid = $1, $2, $3, $5 || $8, $6, $7 || $9
         link = nil
         if esc.nil?
           if prefix.nil? && sep == 'r'
-            if project && (changeset = project.changesets.find_by_revision(oid))
-              link = link_to("r#{oid}", {:only_path => only_path, :controller => 'repositories',
:action => 'revision', :id => project, :rev => oid},
+            if revproj.nil?
+              if project && (changeset = project.changesets.find_by_revision(oid))
+                link = link_to("r#{oid}", {:only_path => only_path, :controller => 'repositories
', :action => 'revision', :id => project, :rev => oid},
+                                        :class => 'changeset',
+                                        :title => truncate_single_line(changeset.comments, 100))
+              end
+            else
+              revproj.gsub!(/\:/,'')
+              link_project = Project.find_by_name(revproj) || Project.find_by_identifier(revproj)
+              if link_project && (changeset = link_project.changesets.find_by_revision(oid))
+                link = link_to("r:#{revproj}:#{oid}", {:only_path => only_path, :controller => 'r
epositories', :action => 'revision', :id => link_project, :rev => oid},
+                                        :class => 'changeset',
+                                        :title => truncate_single_line(changeset.comments, 100))
+              end
             end
           elsif sep == '#'
             oid = oid.to_i
```

Related issues:

Related to Redmine - Defect #3087: Revision referring to issues across all pr...	**Closed**	**2009-03-31**

Related to Redmine - Feature #779: Multiple SCM per project	**Closed**	**2008-03-04**
Related to Redmine - Feature #4052: Cross-project redmine links with alternat...	**New**	**2009-10-19**
Has duplicate Redmine - Feature #3216: Reference to a revision from an other ...	**Closed**	**2009-04-21**
Is duplicate of Redmine - Feature #7409: Cross project Redmine links	**Closed**	**2011-01-22**

History

#1 - 2009-05-12 22:14 - James Wells

- File 3346.diff added

Also attached the diff as a file.

#2 - 2009-08-18 12:39 - Babar O'Cap

- File cross-project_revision_and_commit_links_v1.diff added

Thanks James Wells.
I've updated your patch to be compatible with [r2833](#) and fix some bugs on project name with spaces (eg: r:My Project name:52).
It's also support cross-project commit links (eg: commit:project:a85130f)

Can we merge this patch with the trunk ?

Maybe I'll be updating others Redmine links to support cross-project links.

#3 - 2009-08-18 17:22 - Babar O'Cap

- File cross-project_revision_and_commit_links_v2.diff added

- % Done changed from 0 to 50

Here a bugs and security fix of my patch

#4 - 2009-08-18 18:08 - Babar O'Cap

- File cross-project_revision_and_commit_links_v2.1.diff added

#5 - 2009-08-18 21:29 - Mischa The Evil

Thanks for your patches Babar. It seems a useful feature to me...

#6 - 2009-08-20 09:26 - Babar O'Cap

- File cross-project_revision_and_commit_links_v3.diff added

- % Done changed from 50 to 60

#7 - 2009-08-20 12:31 - Babar O'Cap

- File cross-project_revision_and_commit_links_v4.diff added

- % Done changed from 60 to 70

#8 - 2009-08-21 09:32 - Babar O'Cap

Know bugs : project name and identifier must have at least 3 characters.
I'll rework the regular expression to avoid this problem.

#9 - 2009-08-26 10:27 - Babar O'Cap

- File cross-project_revision_and_commit_links_v5.diff added

- % Done changed from 70 to 80

New wiki syntax, more intuitive :
project:r52 -> Link to revision 52 of an other project, using project name or identifier
project:commit:a85130f -> Link to scmid starting with a85130f of an other project, using project name or identifier

If your project name contains spaces, use quotation marks :
"My Project":r52
"My Project":commit:a85130f

Now a project name can have at least 1 character.

#10 - 2009-08-26 13:26 - James Wells

Thanks for all the additional work on this, very much appreciated. Let me know if there is anything I can do to help.

#11 - 2009-10-19 06:03 - William Baum

James and Babar, that you so much for this.

I really needed cross project source: and export: links, and I also wanted alternate link text instead of "source:/whatever/this/that/file.doc" links, so I have extended your project: syntax to source: and export: links and added the alternate text functionality. I also fixed the source: and export: links so they work properly in email notifications.

I have posted this in Feature [#4052](#).

It seemed enough different to warrant a new Feature, but it's clearly derivative of your work in this issue.

--Bill

#12 - 2009-11-27 11:36 - Babar O'Cap

- % Done changed from 80 to 100

#13 - 2010-04-22 16:10 - Balázs Pozsár

Was this patch merged upstream?

#14 - 2010-06-21 09:37 - Babar O'Cap

Balázs Pozsár wrote:

> Was this patch merged upstream?

I don't think so, see issues [#4052](#) to have an updated patch.

#15 - 2011-09-02 09:16 - Gilles Cornu

+1. it would be nice that reference commit keywords (like refs, fixes,...) also supports cross-project/SCM.

#16 - 2011-11-17 21:24 - Anthony Topper

+1. I would love to see this in the next version.

#17 - 2012-02-06 22:17 - Jean-Philippe Lang

- Status changed from New to Closed

- Resolution set to Duplicate

Actually this feature was added in 1.2.0. See [#7409](#).

Files

3346.diff	2.26 KB	2009-05-12	James Wells
cross-project_revision_and_commit_links_v1.diff	4.17 KB	2009-08-18	Babar O'Cap
cross-project_revision_and_commit_links_v2.diff	6.68 KB	2009-08-18	Babar O'Cap
cross-project_revision_and_commit_links_v2.1.diff	6.34 KB	2009-08-18	Babar O'Cap
cross-project_revision_and_commit_links_v3.diff	5.3 KB	2009-08-20	Babar O'Cap
cross-project_revision_and_commit_links_v4.diff	12.1 KB	2009-08-20	Babar O'Cap
cross-project_revision_and_commit_links_v5.diff	11.9 KB	2009-08-26	Babar O'Cap