Redmine - Feature #1371

Entry model

2008-06-04 13:19 - Pierre Paysant-Le Roux

Status:	New		**Start date:**	2008-06-04
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	SCM		**Estimated time:**	0.00 hour
Target version:				
Resolution:				

Description

I am working on integrating Ferret in Redmine. I wan't to be able to index all relevant models and there is no problem with that point. I also want to be able to index the content of files in the repositories.

I think that the proper way to do that is to have a model that represents an entry in the repository (similar to Redmine::Scm::Entry). This model could be created and maintained when syncing the changesets and linked with Changes.

Here is how my model looks like :

```
+-------------------+           +----------------+
|     Entry         |           |    Change      |
+-------------------+           +----------------+
|  name             |           |  entry_id      |
|  content_type     +---------+                  |
|  removed          |         |                  |
|  source_revision  |         |                  |
|  source_id        |         |                  |
|  parent_id        |         |                  |
+-------------------+           +----------------+
```

The source references the entry it is copied from if needed.

Was there discussions about such a model ? Is this interesting Redmine devs for other needs like attaching metadatas or discusions to an entry ?

History

#1 - 2008-06-04 13:20 - Pierre Paysant-Le Roux

Sorry, it's not a defect but a feature...

#2 - 2008-06-08 12:52 - Jean-Philippe Lang

Pierre, does your entry model reprent a file or a file at a given revision ?
Also, the term Entry can represent many things, so I would propose to name this model ScmEntry or something like this.

#3 - 2008-06-09 00:27 - Jean-Philippe Lang

Or maybe RepositoryEntry...

#4 - 2008-06-09 12:37 - Pierre Paysant-Le Roux

Jean-Philippe Lang wrote:

> Pierre, does your entry model reprent a file or a file at a given revision ?
> Also, the term Entry can represent many things, so I would propose to name this model ScmEntry or something like this.

My first idea was to represent a file. A RepositoryEntry is created when a file is added in the repository. Each time the file is modified, the Change model references the corresponding RepositoryEntry.

If a file is created from a copy, the RepositoryEntry references it trough source_id.

When a file is removed, the corresponding RepositoryEntry is removed (or marked as removed).

Maintaining this representation of the repository results in lots of calculation when retrieving changesets.

#5 - 2011-03-23 07:31 - Toshi MARUYAMA

- Category set to SCM