

QGIS Redmine (QGIS bug tracker) - Support #3939
Ticket to commit id references still show old SVN commit id's

2011-06-05 03:41 AM - Tim Sutton

Status:	Closed	Start date:	2011-06-05
Priority:	Normal	Due date:	
Assignee:	Pirmin Kalberer	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Tag:	
Pull Request or Patch supplied:			
Description			
This is a known issue that we are working to resolve. We will run a batch update on the or r1232 style references. New references can be added using the syntax: commit:03EC23			

History

#1 - 2011-06-05 02:08 PM - Pirmin Kalberer

- Assignee changed from Tim Sutton to Pirmin Kalberer

Update like <https://github.com/poseidix/TRAC-SVN-to-GIT-migration/blob/master/convertTracTickets.php>

Backup is in /opt/backups

#2 - 2011-06-06 03:18 PM - Pirmin Kalberer

- Status changed from Open to In Progress

- Assignee changed from Pirmin Kalberer to Tim Sutton

I've replaced all SVN revisions with GIT hashes. But it seems that the translation table (/tmp/quantum-gis/lookupTable.txt) generated with <https://github.com/poseidix/TRAC-SVN-to-GIT-migration/blob/master/createLookupTable.sh> is wrong. See e.g. #3782

Tim: Could you rollback the tickets (Table journals) and try to generate a working translation table?

lib/tasks/migrate_svn.rake:

```
desc 'Migrate SVN commit messages'
task :migrate_svn => :environment do
  pathLookupTable = "/tmp/quantum-gis/lookupTable.txt"
  nrHashCharacters = 8

  # run https://github.com/poseidix/TRAC-SVN-to-GIT-migration/blob/master/createLookupTable.sh first
  lookupTable = {}
  File.open(pathLookupTable, "r") do |infile|
    while (line = infile.gets)
      next if line.empty?
      svnID, gitID = line.strip.split("\t")
      svnID.sub!(/git-svn-id:http:..svn.osgeo.org.qgis.trunk@(\d+).c8812cc2-4d05-0410-92ff-de0c093fc19c/, '\1')
```

```

lookupTable[svnID] = gitID[0, nrHashCharacters] unless gitID.nil?
end
end

ActiveRecord::Base.partial_updates = false
Journal.find(:all).each do |journal|
  if journal.notes
    txt = journal.notes.gsub!(/\br([1-9][0-9]*)\b/) do |m|
      svnID = $1
      gitID = lookupTable[svnID]
      if gitID.nil?
        puts "Warning: unknown GiT hash for SVN revision #{svnID}"
      end
      next
    end
    m.sub("r#{svnID}", "commit:#{gitID} (SVN r#{svnID})")
  end
  journal.save! if txt
end
end
end
end

```

#3 - 2011-06-10 01:48 PM - Tim Sutton

- File revlist2.txt added

Attached is the hash table I generated. As you can see there are often multiple GiT commits per svn commit. I am not really sure how we can deal with that.

Regards

Tim

#4 - 2011-06-11 02:03 PM - Pirmin Kalberer

I checked two changesets and they didn't match. The additional git hashes seem to come from other branches.

See e.g.

<http://trac.osgeo.org/qgis/changeset/10012>

<https://issues.qgis.org/projects/quantum-gis/repository/revisions/3200e3e500262a4819b61c44b9fff9ba437d1fa9>

Could you try again with master branch only?

#5 - 2011-06-11 02:25 PM - Tim Sutton

Ok try the attached file generated using:

```
git rev-list master --pretty=medium | grep git-svn-id -A 2 > revlist.txt
```

Then processed using vim with the following keystroke macro (register a from ~/.viminfo):

```
"a@»CHAR» 0
» df@wv<80>kd<80>kdx<80>kd^[dd<80>kh
```

#6 - 2011-06-11 02:26 PM - Tim Sutton

- File revlist.txt added

Ooops forgot attachment....added now...

#7 - 2011-06-11 03:21 PM - Pirmin Kalberer

- Assignee changed from Tim Sutton to Pirmin Kalberer

- Status changed from In Progress to Closed

Reapplied rake script (including SVN offset 1 translation):

```
desc 'Migrate SVN commit messages'
task :migrate_svn => :environment do
  pathLookupTable = "/tmp/revlist.txt"
  nrHashCharacters = 8

  # run https://github.com/poseidix/TRAC-SVN-to-GIT-migration/blob/master/createLookupTable.sh first
  lookupTable = {}
  File.open(pathLookupTable, "r") do |infile|
    while (line = infile.gets)
      next if line.empty?
      svnID, gitID = line.strip.split
      lookupTable[svnID] = gitID[0, nrHashCharacters] unless gitID.nil?
    end
  end

  ActiveRecord::Base.partial_updates = false
  Journal.find(:all).each do |journal|
    if journal.notes
      #txt = journal.notes.gsub!(/\br([1-9][0-9]+)\b/) do |m|
      txt = journal.notes.gsub!(/commit:..... \\\(SVN r([1-9][0-9]+)\\)/) do |m|
        svnID = ($1.to_i+1).to_s
        gitID = lookupTable[svnID]
        if gitID.nil?
          puts "Warning: unknown GIT hash for SVN revision #{svnID}"
        end
        #m.sub("r#{svnID}", "commit:#{gitID} (SVN r#{svnID})")
        "commit:#{gitID} (SVN r#{svnID})"
      end
      journal.save! if txt
    end
  end
end
```

end

Files

revlist2.txt	2.02 MB	2011-06-10	Tim Sutton
revlist.txt	528 KB	2011-06-11	Tim Sutton