Automated Build Generator - Feature #1683
Cache results of analysing projects

12/09/2013 05:35 PM - J. Moringen

Status:	Resolved		**Start date:**	12/09/2013
Priority:	Normal		**Due date:**	
Assignee:	J. Moringen		**% Done:**	100%
Category:	Processing Model		**Estimated time:**	0.00 hour
Target version:	0.5			

Description

Associated revisions

Revision 5c636107 - 10/28/2015 11:47 AM - J. Moringen

Git cacheing and better cloning in src/analysis/git.lisp

refs #1683

- src/analysis/git.lisp (clone-git-repository): new function; clone a
  git directory, potentially as a mirror
  (update-git-repository): new function; fetch remote date into an
  existing git repository
  (ensure-updated-git-repository): new function; clone or update a git
  repository
  (git-cache): new structure; thread-safe table mapping git urls to
  cache directories
  (**git-cache**): new variable; can be bound to the git cache
  (call-with-git-cache): new function; call a thunk with established git
  cache
  (with-git-cache): new macro; execute body with established git cache
  (clone-git-repository/cached): new function; clone/update cached
  mirror, then clone from cache
  (clone-git-repository/maybe-cached): new function; clone from cache or
  directly depending on whether a cache directory has been specified
  (analyze-git-branch): new function; helper for analyzing
  (clone-and-analyze-git-branch): new function; helper for cloning and
  analyzing
  (analyze uri eql :git): call `clone-and-analyze-git-branch'
- src/commandline-interface/main.lisp (analyze-project): accept
  cache-directory keyword parameter; pass to `analyze'
  (analyze-projects): accept cache-directory keyword parameter; pass to
  `analyze-project'; setup git cache
  (update-synopsis): added cache-directory option
  (main): pass cache directory to analyze-projects

Revision 6663446c - 06/23/2016 05:47 PM - J. Moringen

Caching of analysis results for git in src/analysis/git.lisp

refs #1683

- src/analysis/util.lisp (header): updated copyright

  (run): return command output
- src/analysis/git.lisp (%run-git): cosmetic change

  (clone-git-repository/maybe-cached): return git commit key for cloned

  repository

  (analyze-git-branch/cached): new function; restore analysis results

  from cache

  (analyze-git-branch/cache): new function; store analysis results into

  cache

  (analyze-git-branch/maybe-cached): new function; perform analysis or

  use cached results

  (clone-and-analyze-git-branch): use cached analysis results if

  possible

  (git-remote-commit-key): new function; obtain commit key for a given

  ref from remote repository

  (git-directory-commit-key): obtain commit key from a local repository

  directory

  (%git-commit->key): new function; turn git commit into unique key
- jenkins.project.asd (system jenkins.project): added system dependency

  on cl-store

Revision 487a9315 - 07/07/2016 12:11 PM - J. Moringen

Fixed caching in presence of sub-directories in src/analysis/git.lisp

refs #1683

- src/analysis/git.lisp (analyze-git-branch): renamed keyword parameter

  commit-key > key

  ~~(analyze-git-branch/cached): likewise~~

  ~~(analyze-git-branch/maybe-cached): likewise~~

  ~~(clone-and-analyze-git-branch): use `%sub-directory~~>key' to

  incorporate sub-directory into cache key

  (%sub-directory->key): new function; incorporate sub-directory into

  cache key
- jenkins.project.asd (system jenkins.project): added system dependency

  on ironclad

History

#1 - 05/20/2014 04:34 PM - J. Moringen

Related to downstream issue http://opensource.cit-ec.de/issues/250.

#2 - 05/20/2014 09:35 PM - J. Moringen

- Target version changed from 0.3 to 0.4

#3 - 03/02/2015 02:07 PM - J. Moringen

- Target version changed from 0.4 to 0.5

#4 - 10/28/2015 01:24 PM - J. Moringen

- Status changed from New to In Progress

- % Done changed from 0 to 50

#5 - 06/23/2016 05:50 PM - J. Moringen

- % Done changed from 50 to 80

#6 - 09/27/2016 10:00 AM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 80 to 100

I think the current implemented is reasonably complete. Further improvements can be tracked in separate issues.

- Status changed from New to In Progress

- % Done changed from 0 to 50

#5 - 06/23/2016 05:50 PM - J. Moringen

- % Done changed from 50 to 80