Automated Build Generator - Enhancement #1984
Use credentials plugin for authenticating SCM access

09/08/2014 06:13 PM - J. Wienke

Status:	Resolved		**Start date:**	09/08/2014
Priority:	Normal		**Due date:**	
Assignee:	J. Moringen		**% Done:**	100%
Category:	Jenkins API		**Estimated time:**	0.00 hour
Target version:	0.5			

Description

We have found out a quite simple way to use the credentials plugin of jenkins in combination with the generator.

There are currently two URLs available that expose the existing credentials:

-   https://ci.cor-lab.org/descriptorByName/hudson.scm.SubversionSCM$ModuleLocation/fillCredentialsIdItems
-   https://ci.cor-lab.org/descriptorByName/hudson.plugins.git.UserRemoteConfig/fillCredentialsIdItems

These URLs, in contrast to the API, also include the description given to each credential pair.

The following scheme might work.

For each generated job, the generator checks whether a credential pair exists with a description containing the pattern SOME IDENTIFIER: <project name>. In case such a pair exists at generation time, the generator will configure the job to use these credentials. Otherwise, no authentication will be used. Maybe we could also override the identifier / string to match also in the config file and / or on the command line. Especially with the command line, users could end up with a configuration where only one credential pair is used for all jobs, which would be quite nice.

Related issues:

Related to Automated Build Generator - Enhancement # 1848: Do not remove repo...	**Rejected**	**04/16/2014**
Related to Automated Build Generator - Tasks # 1676: Support repository authe...	**In Progress**	**12/04/2013**

Associated revisions

Revision 3222a530 - 02/03/2015 06:39 PM - J. Moringen

Support credentials for git, svn in lib/jenkins.api/, src/projects/aspects.lisp

fixes #1984

-   src/api/classes.lisp (define-interface-implementations scm): added
    credentials slot to subversion and git plugins
    (define-of-type-methods builder): new method
-   src/api/package.lisp (package jenkins.api): added exported symbol
    credentials
-   src/project/aspects.lisp (define-aspect git): use value of
    :aspect.git.credentials variable for :credentials initarg
    (subversion): similar for :aspect.subversion.credentials

Revision d5bb24bd - 02/09/2015 04:44 PM - J. Moringen

Use access property for auto credentials in src/{project/aspects,commandline-interface/main}.lisp

refs #1984

Specifying "access": "private" in a project recipe makes
"scm.credentials" default to the host part of the repository URL.

- src/commandline-interface/main.lisp (analyze-project): cosmetic change
- src/project/aspects.lisp (define-aspect subversion): if credentials
  variable is not set, maybe derive credentials form URL
  (define-aspect git): likewise

History

#1 - 09/08/2014 06:28 PM - J. Wienke

I have opened to issues upstream to improve the real API for accessing this kind of information:

- https://issues.jenkins-ci.org/browse/JENKINS-24631
- https://issues.jenkins-ci.org/browse/JENKINS-24632

#2 - 09/11/2014 02:14 PM - J. Moringen

- Related to Enhancement #1848: Do not remove repository credentials while regenerating a job added

#3 - 10/20/2014 02:47 PM - J. Moringen

- Status changed from New to In Progress

- % Done changed from 0 to 10

#4 - 10/20/2014 04:09 PM - J. Wienke

Btw, security fixes for these URLs are on their way ;)

#5 - 02/03/2015 06:37 PM - J. Moringen

- Related to Tasks #1676: Support repository authentication for parsing added

#6 - 02/03/2015 06:42 PM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 10 to 100

Applied in changeset commit:3222a530df11970881b69b64bc092aad929bb588.

#7 - 09/30/2016 10:48 AM - J. Moringen

- Target version set to 0.5