Automate Your Jenkins Process

Using JenkinsAPI

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#jenkinsconf

WHO AM I

➢ Open Source Evangelist

➢ Runner/Cyclist

WHY CI ?

➢ Detect Error quickly and Locate them easily

➢ Doesn't solve the bug but help to track it down

➢ Spend less time in Debugging

➢ Make build self-tested

➢ Improve Code quality

WHY python-Jenkinsapi ?

➢ Because we love Python :)

➢ It's help to automate build scripts which requires

  Jenkins job to execute in between.

DEMO

WHAT Jenkinsapi support?

➢ Query the test-results of a completed build

➢ Get objects representing the latest builds of a job

➢ Search for artifacts by simple criteria

➢ Block until jobs are complete

DEMO

Cont...

➢ Username / Password auth support for Jenkins instances

with Auth turned on

➢ Ability to search for builds by subversion revision

➢ Ability to add/remove/query Jenkins slaves

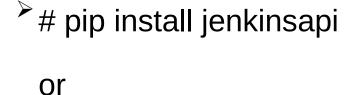➢ Ability to add/remove/modify Jenkins views

DEMO

Sources?

➢ Github repo: https://github.com/salimfadhley/jenkinsapi

(130 Star, 124 Forks)

➢ Actively maintained.

➢ Pypi: https://pypi.python.org/pypi/jenkinsapi

(Updated till latest tarball)

Installation?

➢ # pip install jenkinsapi

 or

➢ # easy_install jenkinsapi

Using Packager:

➢ # yum install python-jenkinsapi

➢ # apt-get install python-jenkinsapi

Issues/Queries?

➢ Git Hub issue tracker :-

https://github.com/salimfadhley/jenkinsapi/issues

Documentation?

https://jenkinsapi.readthedocs.org/en/latest/

Questions/?

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