buildbot

sECuRE, 2012-08-23

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What is buildbot

Buildbot is a continuous integration **system** designed to automate the build/test cycle.

Why buildbot?

- up-to-date, actively maintained

- light-weight, written in Python

- easy to deploy (but not easy to configure)

- flexible

- offers an API to get status

Concepts

Change a change (commit) in a source code repository

Scheduler kicks off a Builder (can filter out changes, batch multiple)

Builder tells the BuildSlave how to compile/test the software

BuildSlave runs on $1 \ldots n$ machines to actually build stuff

BuildMaster runs on 1 machine, coordinates everything

demo

URLs

- http://www.buildbot.net/
- http://i3wm.org/docs/buildbot.html
- http://build.chromium.org/