

CruiseControl Part II

July 2005

Mark Dönszelmann
SLAC, Stanford,
U.S.A.

CruiseControl Status Page

Turn autorefresh on

Project	Last build result	Last build time	Last successful build time	Last label
aida	passed	06/23/2005 23:49:31	06/23/2005 23:49:31	build.3
cpptasks	passed	06/24/2005 00:02:53	06/24/2005 00:02:53	svn-1977
freehep-cheprep	passed	06/24/2005 00:03:35	06/24/2005 00:03:35	svn-1977
freehep-cruisecontrol	passed	06/24/2005 00:06:08	06/24/2005 00:06:08	svn-1977
freehep-download-plugin	passed	06/24/2005 00:07:14	06/24/2005 00:07:14	svn-1977
freehep-heprepin	failed	06/24/2005 00:05:56	null	null
freehep-idi-plugin	passed	06/24/2005 00:06:22	06/24/2005 00:06:22	svn-1977
freehep-ias-plugin	passed	06/24/2005 00:04:03	06/24/2005 00:04:03	svn-1977
freehep-jcc-plugin	passed	06/24/2005 00:04:43	06/24/2005 00:04:43	svn-1977
freehep-ihheprep	passed	06/24/2005 00:04:48	06/24/2005 00:04:48	svn-1977
freehep-ihheprep1	passed	06/24/2005 00:05:22	06/24/2005 00:05:22	svn-1977
freehep-ihheprep1-adapter	passed	06/24/2005 00:06:58	06/24/2005 00:06:58	svn-1977
freehep-inimuit	passed	06/24/2005 00:08:27	06/24/2005 00:08:27	svn-1977
freehep-maintenance-plugin	passed	06/24/2005 00:07:40	06/24/2005 00:07:40	svn-1977
freehep-nar-plugin	passed	06/24/2005 00:34:24	06/24/2005 00:34:24	svn-1980
freehep-rmic-plugin	passed	06/24/2005 00:07:50	06/24/2005 00:07:50	svn-1977
freehep-svn-plugin	passed	06/24/2005 00:09:30	06/24/2005 00:09:30	svn-1977
heprep	passed	06/24/2005 06:31:31	06/24/2005 06:31:31	svn-1980
heprep1	passed	06/24/2005 00:09:13	06/24/2005 00:09:13	svn-1977
website	passed	06/24/2005 00:09:58	06/24/2005 00:09:58	svn-1977
wired-base	passed	06/24/2005 00:12:45	06/24/2005 00:12:45	svn-1978
wired-corbahepreclient	passed	06/24/2005 00:15:00	06/24/2005 00:15:00	svn-1979
wired-hepreventsriver	passed	06/24/2005 00:14:40	06/24/2005 00:14:40	svn-1979
wired-jprocman	passed	06/24/2005 00:13:56	06/24/2005 00:13:56	svn-1979
wired-manual	passed	06/24/2005 00:12:48	06/24/2005 00:12:48	svn-1978
wired-plugin	passed	06/24/2005 00:15:13	06/24/2005 00:15:13	svn-1979
wired-wg	passed	06/24/2005 00:13:48	06/24/2005 00:13:48	svn-1978
zipios	passed	06/24/2005 00:10:12	06/24/2005 00:10:12	svn-1977
zlib	passed	06/24/2005 00:02:52	06/24/2005 00:02:52	svn-1977

listing generated at 6:33

GLAST CruiseControl

- CruiseControl 2.2.1 installed on glast01
 - Under user glast
 - in u10/cruisecontrol
 - both application and checkout
 - to be done
 - renaming modules
 - run at startup
 - cleanup procedure
 - e-mail list to e-mail for failures/success
- Reporter webapp installed on glast03

CruiseControl 2.2.2-dev

- Ant style properties
 - makes the configuration file manageable
- Support for distributed building

- BugFixes
- Support for systems we do not use
- RSS Feed

contrib/distributed

- Run jobs in parallel
 - on different nodes
 - on different platforms
- Master and several Agents
 - use JINI to find each other
 - communicate via RMI services
- CruiseControl
 - distribution per project
 - informs agent of properties
 - collects log files and artifacts
 - invokes RMI services
 - selects agents based on qualifiers
 - name, os, version, compiler, ...

CruiseControl & Release Management

- 3 Options
 - 1. Every release its own project
 - proliferation of projects
 - very large configuration file
 - waste of checkout space
 - 2. Committed version becomes release
 - commit version 3.3 → CruiseControls builds, tags and releases
 - tricky to get right when people commit things at the last moment, since CruiseControl runs on a timed basis
 - 3. Maven should handle releases
 - tagging of release done outside CruiseControl
 - tag (of certain type) recognized by maven as not yet released → results in release
 - snapshots can also be tagged
 - connected to Maven and not to CruiseControl