Automated Testing

Automated Testing : Better Software Through Continuous Integration

The Apache Harmony project is developing a community-based CI testing infrastructure. The goal is to develop a system that is easy for any community member to checkout, configure and run on their system to help distribute the testing load across the community.

To do this, we have the so-called "build-test" infrastructure, which can be found in subversion.

We encourage all users to run this system if they can.

Additionally, the project will accept change messages (build failed / build succeeded) from registered systems. The registration process is simple - send a mail to the Harmony dev list notifying the community about your interest in running, detailing the

- operating system - be precise please
- architecture
- compiler/tool versions
- source mail address for change messages

If that platform/OS/toolset is desired as a regular tracking configuration, the community will accept that formally and register here. Please note that the project committers reserve the right to reject.

The following are the currently registered platforms :

System ID	Operating System	Architecture	Tool Versions	System	Notifier's address	Owner's Address
1	Windows XP Professional 2002 SP2	Intel Xeon 3.2GHz, 2GB RAM	MSVC 2003 (7.1.3008)	internal	nomail at hursley. ibm.com	t.p.ellison at gmail.com *or* mark.hindess at googlemail.com
2	Debian Linux	Linux 2.6.8-3-686-smp #1 SMP Thu Sep 7 04:39:15 UTC 2006 i686 GNU/Linux	gcc (GCC) 3.3.5 (Debian 1:3.3.5-13)	internal	nomail at hursley. ibm.com	t.p.ellison at gmail.com *or* mark.hindess at googlemail.com
3	Windows XP Professional 2002 SP2	Intel P4 3.0GHz, 1GB RAM	MSVC 2003 (7.1.3088)	buildtest CC	nomail at intel. com	ivavladimir at gmail.com
4	SUSE 9 Linux	Intel P4 3.0GHz, 1GB RAM	gcc (3.3.3) Linux 2.6.5-7.191-bigsmp #1 SMP	buildtest CC	nomail at intel. com	ivavladimir at gmail.com
5	SUSE 9 64 bit Linux	Intel P4 3.6GHz, 2GB RAM	gcc (3.3.3) Linux 2.6.5-7.191-default #1	buildtest CC	nomail at intel. com	ivavladimir at gmail.com
6	Ubuntu 6	Dual Proc 3.2GHz Pentium D, 3GB Ram	gcc 4.0.3	buildtest CC		geirm at apache.org
7	Ubuntu 6	Single 1.7GHz Pentium M, 1GB Ram	gcc 4.0.3	buildtest CC		geirm at apache.org
8	Windows XP Professional 2002 SP2	Intel P4 3.0GHz, 1GB RAM	MSVC 2003 (7.1.3088)	internal eclipse 3.1.1 HWA	nomail at intel. com	ivavladimir at gmail.com
9	SUSE 9 Linux	Intel P4 3.0GHz, 1GB RAM	gcc (3.3.3) Linux 2.6.5-7.191-bigsmp #1 SMP	internal eclipse 3.1.1 HWA	nomail at intel. com	ivavladimir at gmail.com
10	SUSE 9 64 bit Linux	Intel P4 3.6GHz, 2GB RAM	gcc (3.3.3) Linux 2.6.5-7.191-default #1	internal eclipse 3.1.1 HWA	nomail at intel. com	ivavladimir at gmail.com
11	Windows XP Professional 2002 SP2	Intel Xeon P2 3.06GHz,3.82 GB of RAM	MSVC 2003 (7.1.3088)	iterative HUT run under CC	nomail at intel. com	tatyanadoubtsova at gmail.com
12	SUSE 9 Linux	Intel Xeon P4 3.06GHz, 3.79GB RAM	gcc version 3.3.3 (SuSE Linux))	iterative HUT run under CC	nomail at intel. com	tatyanadoubtsova at gmail.com
13	SUSE 9 64 bit Linux	Intel Xeon P4 3.40GHz, 2GB RAM	gcc version 3.3.3 (SuSE Linux))	iterative HUT run under CC	nomail at intel. com	tatyanadoubtsova at gmail.com
14	Windows 2000 Server SP4	Intel PIII 850MHz, 1GB RAM	MSVC 2003 (7.1.3008)	buildtest CC	ndbeyer at apache.org	ndbeyer at apache.org

E-mail Alerts

For easier searching and tracking specific platforms / subcomponents of interest, we require that the subject lines are formatted in the following way:

```
[build-test alert] <MESSAGE> <PLATFORM> <COMPONENT>
```

Where :

```
<MESSAGE> : "BUILD FAILED" | "BUILD SUCCEEDED"

<PLATFORM> : <OS_NAME> <PLATFORM_INFO>

<COMPONENT> : "classlib" "DRLVM" "jdktools"  ??

<OS_NAME> : "Windows" "Linux" "OS X"

<PLATFORM_INFO> : "Ubuntu 6" "Fedora 5"
```

Email alerts should be sent to "alerts@harmony.apache.org". Please notify the community on the dev list if you are going to send traffic to this list.