DSDP – TM Conference Call, 08-August-2005
Meeting Notes

Attendees:

Wind River – Salzburg, Austria
Michael Scharf – Eclipse Architectural Council (EAC) member for DSDP
Martin Oberhuber – WR Technical lead for DSDP-Target Manager

IBM
Dave Dykstal – Remote System Explorer (RSE)

Intel
Peter Lachner – Manages XScale component tools project; currently compiler tools

Montavista
Melissa Traynor – Manages the IDE group at Montavista

TI
Chris Recoskie – Code Composer Essentials and Studio products, mostly JTAG
Martin Inrisek

Original Agenda

- Online demo of current systems?
- Recent News
    - Provisioning on eclipse.org
    - IBM RSE status
- Discussions regarding TM Design
- Next steps

Meeting Notes

Martin O. opens the call.
QNX and PalmSource had expressed interest in presenting but had no time to join this call; we'll keep a slot for them during the next call.

Provisioning:
DSDP and TM Websites have been provisioned at eclipse.org: http://www.eclipse.org/dsdp/tm
Currently, they are holding the project documents, more content to follow this week.
With the Website, CVS Repository, Bugzilla components and Mailing list have also been provisioned. The short name is still unclear ("tm-dev" or dsdp-tm-dev"), notice will be given on the newsgroup as soon as they are active.

RSE Status:
Dave D: Passed another checkpoint to make RSE open source, to do a couple of legal approval and go through the eclipse.org gatekeeper. It looks like IBM and WindRiver will be the first to actually populate the TM Repository, so weekly phone calls have been scheduled to foster collaboration while preparing the sources. While IBM has not yet full clearance, Dave will prepare Javadoc for RSE and post it.

Design Discussions:
Peter L: Some thoughts about TM design taking place at Intel, they are currently in the process of writing a document on their design based on the concept of "connectors".
Understanding a development environment as applications on the host (debugtools, …) plus

target systems: connector has properties (services like debug, telnet, file upload/download …) and what protocol the connectors are speaking. Connectors can be supplied by various parties (tool vendors, board vendors, …). Connectors will be used to bind host application to target application.

Multiple connectors are possible for the same target at the same time; multiple instances of the same connector are possible at the same time. Assign channels to connectors, e.g. each element on a scan chain supplies separate channels.

Document will be ready to be posted in about 2 weeks.

David D: Scenario sounds similar to what RSE provides

Next Steps:
Martin O: A Target Management Face-to-face meeting is planned to happen together with the next Device Debugging meeting, most probably early October in Toronto. Details will follow on the Newsgroup.

Dave D. will send out Javadoc this week
Peter L. will send out Intel's design doc in 2 weeks.

Next Meeting:
Monday, 29-Aug-2005 at 9am PST.