

Aperi Initial Contribution R0.3

Integrated Development Verification Test

Exit Document

Background

IDVT for Aperi, Stage 3, was performed from February 5, 2007 to May 11, 2007. The Aperi R0.3 Release Candidate 1 build is the "Official IDVT Exit Build". Testing was done on RedHat Linux and various Windows platforms.

This report documents the following:

- Period of testing
- Scenarios tested
- Resulting defects
- Any known workarounds
- The final IDVT status before exit.

Acquiring and Installing the Build

Aperi R0.3 Release Candidate 1 has been uploaded to the Eclipse download site.

Here is the URL for the bits:

http://www.eclipse.org/downloads/download.php?file=/technology/aperi/Aperi_R0.3_incubation_RC1.zip

Here is the URL for the install instructions:

<http://www.eclipse.org/aperi/documentation/r3/install.php>

Test cases, defects, and status

The defects and result from the test cases were tracked in Eclipse bugs (Product Aperi) and the "Aperi v1 IDVT TTT" database. For periodic statuses of IDVT, please refer to

<http://wiki.eclipse.org/index.php/Aperi/Test/Status>

The official document for the Aperi IDVT Test cases is located in the Aperi wiki, along with the Approval record for the test plan.

IDVT exit criteria called for 100% exposure of IDVT test scenarios. – **100% of the test cases were exposed, 99% of which were successful.**

Exit criteria also call for all test scenarios to pass "either without severity 1 or 2 defects or with viable workarounds provided for any severity 1 or 2 defects." – **No severity 1 or 2 defects at time of exit.**

The following scenarios did not pass:

1. **Not able to enable trace using 'configure tracing' function through Data agent list** – Defect 176088; severity 3, therefore not gating

Workarounds and Qualifications

No workarounds needed for Aperi R0.3

Other Known Issues

The following items detail some performance issues that were discovered with Derby:

- Poor performance when generating an Assets report
Aperi Storage Manager->My Reports->System Reports->Fabrics->Port Connections
Aperi Storage Manager->My Reports->System Reports->Fabrics->SAN Assets(Connected devices)
It may take a while to get the report (2 mins for a 20 connected devices)

The restriction for host port assignment during volume creation:

- Aperi installations support volume creation, but not host port assignment for both DB2 & Derby db. Check for this limitation to be addressed in a future release