

Release Notes
HP-UX Development Environment for Eclipse
Version: 4.0.0
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Introduction

This document is applicable for the HP-UX Development Environment for Eclipse (HP-UX DEE) 4.0.0. It describes the following:

- New Features
- Problems Corrected
- Known Issues

For information on HP-UX Development Environment for Eclipse (HP-UX DEE) installation, FAQs, or technical support, see the links available on the dspp website: <http://www.hp.com/go/eclipse-remotedevplugin>

New Features

The following are the new features introduced in this version of the plug-in.

- Enabled with Eclipse 3.6
The current release of the plug-in is supported with latest version of **Eclipse 3.6.x**.
- Enabled with CDT 7.0.0
The plug-in is supported with the **C/C++ Development Tooling** (CDT) 7.0.0 version.
- Memory debugging feature is enabled. To know more about this, go to following location in Eclipse help, Help → Help Contents → HP-UX Development Environment for Eclipse User Guide → Tasks → Running and debugging remote projects → Debugging a remote application → Memory debugging (or) user guide from www.hp.com/go/eclipse-remotedevplugin.

Problems corrected in this release

The following defect is fixed in HP-UX DEE 4.0.0 release:

- 'Index out of Bounds' exception when we use CDT 6.0.1 and later releases.

Known Issues

The following are the known issues which are present in the 4.0.0 release of HP-UX Development Environment for Eclipse.

Remote Project Creation

- Occasionally, after creating the project, the HP-UX DEE throws an "Indexer" error.
Solution: User can index the projects manually from "Project properties".

Remote Build

- The Build Target status bar always shows 0%.
Solution: To know the exact status of the build, double-click the status bar in the Eclipse console.
- On the Eclipse status bar, Binary Search Thread may start to run.
Solution: Stop the thread by double-clicking it.

- While using `ssh` as protocol to communicate to the remote system , if you lose the `passwordless ssh` connection after project creation, then on building the project on Windows or Suse Linux desktops, the HP-UX DEE does not throw an error: `connection is not alive`. However, on using Red Hat Linux as a desktop to build the project, a dialog-box prompting for the password appears.

Solution: Check if the `passwordless ssh` connection is alive. Type the following command:

```
ssh <username>@<hostname>
```

If this command goes through without asking for a password, this implies that the `passwordless ssh` connection is still alive. If not, create the connection again.

- In Windows, environment variables created in eclipse is not case sensitive.
Solution: In Windows, create the environment variables in upper case.

Remote Debug

- The debug console window, which is opened for a debugger session will close automatically if you terminate the debugger session.
Solution: Restart a debug session; close the console window that is opened in the previous session.
- The Register view takes a few seconds (around five seconds) to display all the registers.
Solution: Create your own group of registers to improve this performance.
- The environment tab of the Run/Debug configuration shows only those environment variables available for `rsh`.
Solution: For security reasons, `rsh` does not source all the environments.
- Specifying more than 200 global variables may cause the debugger to crash.
Solution: Add only those variables that are necessary.
- The values for floating point registers are not shown for HP Integrity systems with GDB 6.0.0, in the Registers view while debugging.
Solution: Go to the Debugger Process console window and type the `info all-registers` command. This displays the values for all registers, including the floating point registers.

For reporting bugs, feedback, or any other support, see Technical Support on the Developer & Solution Partner Program (DSPP) website: <http://www.hp.com/go/eclipse-remotedevplugin> or mail us at eclipse-plugins@lists.hp.com