CodeDynamics 2019 Supported Platforms

Versions

Interpret version information in the following ways:

- **Compilers:** Versions are given as a range, from the earliest supported version to the latest supported version, which is usually the current version. All versions within the range are supported.

- **Operating Systems:** Specific supported versions are listed. If a whole number is given, all minor versions of that whole number are supported.

Support Notes

- The version of this document in the product distribution is a snapshot. For the latest information, see the PDF version on the CodeDynamics documentation page of the Rogue Wave web site.

- **X Windows:** X Windows is required on all platforms to run the CodeDynamics UI.

- **ReplayEngine for reverse debugging:** Supported on Linux x86 and x86-64 operating systems. On other platforms, ReplayEngine buttons and menu selections are grayed out in the UI. For more information, please see the document *Reverse Debugging with ReplayEngine*.

  Replay Engine supports the IP transport mechanism on most MPI systems. It supports communication over Infiniband using either the IBverbs or the QLogic PSM transport layers on some systems. Please see the section "Using ReplayEngine with Infiniband MPIs" in the *TotalView for HPC Users Guide* for details.

- **Python debugging:** Python 2.7 debugging is supported on Linux x86-64 operating systems. For more information, please see "Debugging Python" in the *CodeDynamics User Guide*.

- **CUDA debugging:** Supported on Linux x86-64 operating systems. Current support is for the 8.0, 9.0 - 9.2, and 10.0 tool chains. There is limited support for the Dynamic Parallelism feature. For more information, please see the CUDA chapters in the *CodeDynamics User Guide*.

Platform Support

Platforms	Operating Systems	Compilers
Linux x86-64	Red Hat Enterprise/CentOS Linux 6 and 7 Red Hat Fedora 27, 28 and 29 Ubuntu 14.04, 15.04, 15.10, 16.04, and 18.04 Open SuSE 12 and 13 SuSE Linux Enterprise Server 12	Intel Parallel Studio XE 15-18 GNU 4.3 - 8.2 PGI Workstation 11.2 - 18.10 Oracle Studio 12 **C and C++:** Clang 3 - 7 **Fortran:** Absoft Pro 16 - 18
Apple Macintosh	Mac OS X Sierra (10.12) Mac OS X High Sierra (10.13) Mac OS X Mojave (10.14)	Intel Parallel Studio XE 15-18 GNU 4.3 - 8.2 **C/C++:** Apple Clang 4.1 - 6.0 **Fortran:** Absoft Pro 16 - 18