Multi-ICE® Version 2.2.6
Installation Guide

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Product Status

The information in this document is final, that is for a developed product.

Web Address

`http://www.arm.com`

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1 Supported platforms

Multi-ICE v2.2.6 is supported on:

- Microsoft Windows
- Sun Solaris
- Red Hat Linux.

1.1 Microsoft Windows

Multi-ICE v2.2.6 is supported on Pentium IBM compatible machines running:

- Windows XP Professional Service Pack 2 or later
- Windows 2000, Service Pack 4 or later.

1.2 Sun Solaris

Multi-ICE v2.2.6 is supported on Sun SPARC compatible machines running:

- Sun Solaris 7
- Sun Solaris 8.

1.3 Red Hat Linux

Multi-ICE v2.2.6 is supported on Pentium IBM compatible machines running:

- Red Hat Linux 6.2 and 7.1.

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2 Installing Multi-ICE

This section describes how to install Multi-ICE on:

- a Windows workstation
- a UNIX or Linux workstation.

You must have administrator privileges on Windows to install the Multi-ICE software.

2.1 Installation on Microsoft Windows workstations

To install Multi-ICE:

1. Insert the CD into the CD-ROM drive. The setup program starts. (If the setup program does not start, run `setup.exe` in the top-level directory of the CD-ROM.)
2. Follow the on-screen prompts to install Multi-ICE.

Before you use Multi-ICE

Before you use Multi-ICE:

- Read the file `readme.txt`. It contains the latest information on supported processors and known issues. The file is located in:
  - the root directory of the CD-ROM (`\`)
  - the Multi-ICE program group in Microsoft Windows
  - the UNIX installation directory under `/multiice_docs`.
- Install the eXDI-RDI driver if you want to connect to Multi-ICE from Microsoft Platform Builder. For further details, see the documentation in the `\eXDI_1.2` directory of the CD-ROM.

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2.2 Installing on UNIX or Linux workstations

To install the Multi-ICE software on a UNIX system you require:

- An installed ADS product. You must install Multi-ICE into the same directory as your ADS installation.
- The UNIX versions of the Multi-ICE DLL and processor definition files, supplied on the Multi-ICE CD.
- A networked PC running the Multi-ICE server. This connects your UNIX Multi-ICE DLL to your target hardware.

To install the UNIX Multi-ICE software:

1. Insert the Multi-ICE CD.
2. Open a terminal window and ensure the CD-ROM is mounted. Refer to the system documentation for further information.
3. Change directory to directory `unix` under the CD-ROM root directory. For example:

   ```
   cd /mnt/cdrom/unix
   ```
4. Run the installer, `install.sh`.
5. Follow the prompts to install Multi-ICE.

Note

- The Standard installation includes the DLL software and the PDF documentation

  The Full installation includes the DLL software, the PDF and the Dynatext documentation. Dynatext is not available on Linux.
- You must install in the same location as your ADS installation. For example, if you have a copy of the AXD executable in:

  `/usr/local/arm/solaris/bin/axd`

  the pathname you must enter for Multi-ICE is `/usr/local/arm`.

  You must enter the full pathname of the directory. You cannot use `~` or environment variables.

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Before you use Multi-ICE

Before you use Multi-ICE:

- Read the file `readme.txt`. It contains the latest information on supported processors and known issues. The file is located in:
  - the root directory of the CD-ROM (`\`)
  - the Multi-ICE program group in Microsoft Windows
  - the UNIX installation directory under `/multiice_docs`.
- Run the `micesetup.sh` script *once*, to register the components used. This must be done by *every* user that wants to use Multi-ICE. You must ensure that your environment is configured to use ADS before running the `micesetup.sh` script. You can find the setup script in the following locations:
  - the `\unix` directory of the CD-ROM (`\`)
  - the UNIX installation directory.
- Install the updated ADS processor description files, if required. The updated files are in the `\ads` directory of the CD-ROM, and replace files in the `bin` directory within ADS 1.1 or 1.2.

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