

Forte[tm] Developer 7: Compiler Collection Early Access Release Notes

The Forte[tm] Developer 7 Compiler Collection Early Access Release Notes contain last-minute installation details and other information about the Early Access release of Forte[tm] Developer 7 compiler collection software.

Information in this document overrides information in the component readme files included with this release. The readme files are accessible from the Forte Developer 7 documentation index page on your local system or network (`/opt/SUNWspro/current/docs/index.html`). If your Forte Developer software is not installed in the `/opt` directory, ask your system administrator for the equivalent path on your system.

Note – In this document, the term "IA" refers to the Intel 32-bit processor architecture, which includes the Pentium, Pentium Pro, Pentium II, Pentium II Xeon, Celeron, Pentium III, and Pentium III Xeon processors and compatible microprocessor chips made by AMD and Cyrix.

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A. System Requirements

Forte Developer 7 Early Access software can be installed on the Solaris[tm] *SPARC[tm] Platform Edition* or the Solaris *Intel Platform Edition* operating environment. The following table outlines the system requirements for each platform.

	Solaris <i>SPARC Platform Edition</i>	Solaris <i>Intel Platform Edition</i>
Operating Environment	Solaris 7 or 8	Solaris 7 or 8

Hardware System	Recommended: UltraSPARC[tm] 60 processor 360MHz or Sun Blade[tm] 100 workstation 500 MHz Minimum: Ultra 10[tm] workstation	Recommended: Pentium III 450 MHz Minimum: Pentium II 350 MHz
Memory	Recommended: 768 Mbytes Minimum: 256 Mbytes	
Swap Space	Recommended: 1536 Mbytes Minimum: 512 Mbytes To check or add swap space, see the instructions in System Requirements section of Chapter 1 of the <i>Forte Developer 7 Installation Guide</i> , which is accessible on the Forte Developer 7 Early Access web site at http://access1.sun.com/fortedevprod/fd7compilers/Install.pdf .	
Disk Space Usage	Disk space usage varies by product. See Disk Space Requirements By Product .	
OS Configurations	Entire Distribution or Entire Distribution plus OEM support	
Monitor	Minimum: 1152x900 screen resolution	15" Color Monitor Minimum: 1152x900 screen resolution

B. Disk Space Requirements by Product

The suggested available disk space needed when downloading the Forte Developer 7 Early Access 2 software is 1.1 GB. The suggested available disk space needed for installing the Forte Developer 7 Early Access software is 1053 MB. The following table shows the size of the installed Forte Developer 7 software.

Product	Approximate Size in Megabytes	
	SPARC32-bit/64-bit	IA
Forte Developer 7 software	399.07 MB	91.32 MB
Sun Performance Library software	721.56 MB	N/A
Third-Party Source	3.81 MB	1.76 MB

C. Patches

This section lists the required and recommended patches for this Forte Developer 7 Early Access release.

Operating Environment Patches

Operating environment patches are provided for Forte Developer 7 software for the SPARC and Intel platforms. These patches are required for the proper operation of the compilers and tools in this release.

The following Solaris operating environment patches are included in this Forte Developer 7 Early Access release and are installed automatically unless you change the default selection for Solaris Patches for Forte Developer 7 in the Product Selection pane in the Solaris[tm] Web Start installation tool.

Solaris Version	SPARC Platform	IA Platform
SUNWlibC (libC.so.5)		
7 (32-bit)	106327-11	106328-11
7 (64-bit)	106300-12 (requires 106327-11)	N/A
8 (32-bit)	108434-04	108436-04
8 (64-bit)	108435-04 (requires 108434-04)	N/A
SCCS		
7 (32-bit)	106748-04	106749-04
Assembler		
7 (64-bit)	107058-01	N/A
Linker		

7 (32-bit)	106950-16	106951-16
7 (64-bit)	N/A	N/A
8 (32-bit)	109147-07	109148-07
8 (64-bit)	N/A	N/A

The following Solaris operating environment patch is not provided as part of this Forte Developer 7 Early Access release. It is recommended for those users who use **long** division in their applications. This patch can be downloaded at <http://sunsolve.sun.com>.

Solaris Version	SPARC Platform	IA Platform
Kernel		
7	N/A	106542-16

For proper operation of the Sampling Collector and Performance Analyzer in the Solaris 8 operating environment, install the Solaris 8 07/01 (Solaris 8 update 5) operating environment.

D. Installation Information

This section describes new installer features and known issues relating to the installation of this Forte Developer 7 Early Access release.

Easy Installation and Uninstallation With Batch Install Programs

The **batch_installer** and batch-mode uninstaller programs allow you to install and uninstall the software product with minimal user interaction. See the *Forte Developer 7 Installation Guide* for detailed information about these commands.

Installing Forte Developer 7 Software in a Different Directory Than Forte Developer 6 Software

If you have Forte Developer 6 software installed, be sure to follow the installation

instructions and install Forte Developer 7 Early Access 2 software in a different directory. If you have Forte Developer 6 software and Forte Developer 7 software installed in the same directory, the uninstaller can mistakenly uninstall the wrong packages if you uninstall packages from either release.

Interrupting Patch Installation

Interrupting the installation of the Solaris operating environment patches causes their removal.

Do not click the STOP button while the Web Start installation tool is adding Solaris operating environment patches. Clicking the STOP button causes the installer to execute a uninstall script that removes patches that would have been installed had the STOP button not been clicked. To recover, use the installer to reinstall any removed patches.

E. Documentation Information

This section gives information about the documentation for this Forte Developer 7 Early Access release. Information in these Release Notes supersedes information in any of the other documentation.

Documentation Included With Forte Developer 7 Early Access Release

The following documentation is available with this Forte Developer 7 Early Access release.

- ◆ **Readmes.** These documents describe the new features, performance enhancements, problems and workarounds, and software corrections in this Forte Developer 7 Early Access release.

You can access these documents in HTML on your local system or network through the documentation index page at

<file:/opt/SUNWspro/current/docs/index.html>.

- ◆ **Man pages.** These are online reference manual pages that describe user commands, libraries that are supplied with the compilers, and other types of commands. Man pages contain reference information, including command syntax, usage, and related commands.

You can access these documents in HTML on your local system or network through the documentation index page at

<file:/opt/SUNWspro/current/docs/index.html>.

- ◆ **Forte Developer 6 update 2 manuals.** The manuals have not been updated for the Forte Developer 7 Early Access release. Information in the man pages and readmes

for the Forte Developer 7 Early Access release supersedes information in the manuals.

You can access the manuals in PDF format on your local system or network through the documentation index page at

<file:/opt/SUNWspro/current/docs/index.html>. You can also access the manuals at <http://docs.sun.com> by searching for the Forte C, Forte C++, and Forte for High Performance Computing products.

Documentation Requirements

To view the documentation available in PDF, you need Adobe® Acrobat Reader software.

To download the software, go to

<http://www.adobe.com/products/acrobat/readstep.html>, environments.

Some Links in Documentation Index Page Do Not Apply to Intel Installations

The following links on Forte Developer 7 documentation index page on your local system or network ([/opt/SUNWspro/current/docs/index.html](file:/opt/SUNWspro/current/docs/index.html)), which are marked "SPARC only", do not work when the product is installed under Solaris *Intel Platform Edition* because the components to which these documents apply are not included in the Intel version of the product.

- ◆ Man 3f Pages
- ◆ Fortran 95 Readme
- ◆ Interval Arithmetic Readme
- ◆ Fortran Pre-Processor (fpp) Readme
- ◆ LockLint Readme

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