Software Product Description

PRODUCT NAME: DEC C++ for ULTRIX, Version 1.2A   **SPD 37.61.02**

DESCRIPTION

DEC C++ for ULTRIX is a native compiler that implements the C++ programming language and includes:

- A C++ compiler that implements C++ as defined by *The Annotated C++ Reference Manual*, Ellis & Stroustrup, reprinted with corrections, May 1991. Digital Equipment Corporation's implementation includes templates and C++ exception handling. DEC C++ for ULTRIX generates optimized object code without employing an intermediate translation to C.

- DEC C, an ANSI C compiler, as described in the UL-TRIX Operating System Software Product Description (SPD 26.40.xx).

- DECladebug, a symbolic debugger for C++ and C programs. DECladebug provides basic debugging capabilities as well as specific support for the C++ language, including function name and operator overloading, C++ scoping, templates, C++ exception handling, multiple inheritance, virtual base classes, and virtual functions. A dbx-style command-line interface is provided.

- A name demangler, that enables other tools (besides the compiler and debugger) to present demangled names to the user.

- An incremental linker, that provides significant reductions in link time.

- DEC C++ Class Library, containing the following class libraries: iostream, complex, generic, Messages, Objection, Stopwatch, String, task, and vector. An optional source license is available for the DEC C++ Class Library, excluding iostream and generic.

- Enhanced ANSI C, XPG3, and X/MOTIF header files for use with the DEC C++ compiler.

The documentation provides comprehensive reference and usage information for all product components. Included is a copy of an authoritative book on C++, *The C++ Programming Language*, 2nd Edition, by Bjarne Stroustrup.

The documentation is provided in both online and hard-copy formats. The online documentation consists of manpages included on the media kit, and Bookreader documents included on the ULTRIX Online Documentation CD-ROM.

DEC FUSE and DEC FUSE C++ Support are optional products that provide a full C++ compilation system environment. Refer to the DEC FUSE for ULTRIX Software Product Description (SPD 33.66.xx).

HARDWARE REQUIREMENTS

Processor and/or hardware configurations as specified in the System Support Addendum (SSA 37.61.xx-A).

SOFTWARE REQUIREMENTS

ULTRIX Operating System or
ULTRIX Worksystem Software

Refer to the System Support Addendum (SSA 37.61.xx-A) for availability and required versions of prerequisite/optional software.

ORDERING INFORMATION

Software Licenses: QL-MG5A*-**
Software Media: QA-MG5A*-**
Software Documentation: QA-MG5A*-GZ
Software Product Services: QT-MG5A*-**
Software Source Licenses: QB-MG5A*-E5

*   Denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

SOFTWARE LICENSING

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

License Management Facility Support

This layered product supports the ULTRIX License Management Facility.

License units for this product are allocated on a User Activity and CPU-capacity Use basis.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Digital. For more information, contact your local Digital office.

SOFTWARE WARRANTY

Warranty for this software product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

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System
Support
Addendum

PRODUCT NAME: DEC C++ for ULTRIX, Version 1.2A   **SSA 37.61.02-A**

HARDWARE REQUIREMENTS

RISC-Based Processors Supported

DECstation: DECstation 3100,
                   DECstation 3100s
                   DECstation 5000 Models 25/33/50,
                   DECstation 5000 Models 133/150,
                   DECstation 5000 Models 200/240/260

DECsystem: DECsystem 5000 Models 25/33/50,
                   DECsystem 5000 Models 133/150,
                   DECsystem 5000 Models 200/240/260
                   DECsystem 5100, DECsystem 5400,
                   DECsystem 5500, DECsystem 5810,
                   DECsystem 5820, DECsystem 5830,
                   DECsystem 5840, DECsystem 5900,
                   DECsystem 5900-260

Processors Not Supported

VAX, MicroVAX, VAXstation, VAXserver

Disk Space Requirements

Disk space required for installation:

Root file system:	/	0 Kbytes
Other file systems:	/usr	10,600 Kbytes
	/var	0 Kbytes
	/tmp	100 Kbytes

Disk space required for use (permanent):

Root file system:	/	0 Kbytes
Other file systems:	/usr	10,600 Kbytes
	/var	0 Kbytes

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

SOFTWARE REQUIREMENTS

ULTRIX Operating System V4.3, V4.3A, or V4.4

ULTRIX Worksystem Software V4.3, V4.3A, or V4.4

OPTIONAL SOFTWARE

DEC FUSE C++ Support for ULTRIX, V1.2 or V1.2A

DEC FUSE for ULTRIX, V1.2 or V1.2A

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

DISTRIBUTION MEDIA

9-track 1600 BPI Magtape, TK50 Streaming Tape

This product is also available on the ULTRIX Consolidated Software Distribution (ConDist) on CD-ROM.

ORDERING INFORMATION

Software Licenses: QL-MG5A*-**
Software Media: QA-MG5A*-**
Software Documentation: QA-MG5A*-GZ
Software Product Services: QT-MG5A*-**
Software Source Licenses: QB-MG5A*-E5

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The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

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