

Development Tools

Java Blend 2.0

Java Blend 2.0 software is Java "transparent persistence" for your Java programming language applications. Whether you are creating a 2-tier application or an n-tier Application Server for your portal, the Java Blend software will scale to build and deploy applications which access tables with millions of rows, thousands of attributes, hundreds of simultaneous and database connections, all without having to worry about SQL in your Java application code. With the new mapping features in version 2.0, your enterprise Java applications can map most complex relationships while supporting multi-media objects like BLOBs.

Requires:

- Solaris 2.6 or Solaris 7 for SPARC
- Windows NT 4.0 for development

Description	Order Number
Slim Kit	
Java Blend 2.0 1 - User Slim Kit	JBLI9-200-T999
Java Blend 2.0 10 - User Slim Kit	JBLX9-200-T999
Java Blend 2.0 25 User Slim Kit	JBLY9-200-T999
Java Blend 2.0 100 User Slim Kit	JBLC9-200-T999
Java Blend 2.0 250 User Slim Kit	JBLE9-200-T999
<i>Note: Slim Kit includes Software, on-line documentations and specifies number of user license.</i>	

Web Download

Java Blend 2.0 1 RTU Electronic Download	JBLI9-200-TL99
Java Blend 2.0 10 RTU Electronic Download	JBLX9-200-TL99
Java Blend 2.0 25 RTU Electronic Download	JBLY9-200-TL99
Java Blend 2.0 100 RTU Electronic Download	JBLC9-200-TL99
Java Blend 2.0 250 RTU Electronic Download	JBLE9-200-TL99

Note: This part is only available through the SunStore, www.sun.com/software/javablend.

Java Message Queue 1.1

Java Message Queue software is Sun's solution to the increasingly complex problems faced by programmers who are involved in the development of applications designed to operate as cooperating components distributed across a network.

Java Message Queue dramatically reduces the time needed to develop distributed applications because it handles all the inter-process communication aspects of an n-tier architecture. This enables developers to focus entirely on development of the business logic itself and not on how the application is to be deployed.

Java Message Queue's asynchronous publish-and-subscribe method of message delivery allows for the real-time event-driven push of information through corporate networks demanded when integrating legacy applications with today's web-centric architectures.

Requires:

- Either Solaris 2.6, Solaris 2.7, Solaris 8 or Windows NT 4.0 SP4 or SP5, Windows 2000

Description	Order Number
Developer Edition	
Java Message Queue 1.1 Developer Edition 1-RTU, Physical, includes software and on-line documentation	JMQI9-11D-T999
Business Edition	
Java Message Queue 1.1 Business Edition 1-RTU, Physical, includes software and on-line documentation	JMQI9-11B-T999
Java Message Queue 1.1 Business Edition 10-RTU, Physical, includes software and on-line documentation	JMQX9-11B-T999
Electronic Download	
Developers Edition	
Java Message Queue 1.1 Developer Edition for Solaris 1 RTU, Electronic Download	JMQIS-11D-TL99
Java Message Queue 1.1 Developer Edition for NT 1 RTU, Electronic Download	JMQIN-11D-TL99
Business Edition for Solaris	
Java Message Queue 1.1 Business Edition for Solaris 1 RTU, Electronic Download	JMQIS-11B-TL99
Java Message Queue 1.1 Business Edition for Solaris 10 RTU, Electronic Download	JMQXS-11B-TL99
Business Edition for NT	
Java Message Queue 1.1 Business for NT 10-RTU Electronic Download	JMQXN-11B-TL99
Java Message Queue 1.1 Business Edition for NT 1 RTU, Electronic Download	JMQIN-11B-TL99

Java Message Queue 1.0

Requires:

- Either Solaris 2.6, Solaris 2.7 or Windows NT 4.0 SP4

Description	Order Number
Try and Buy	
Java Message Queue 1.0 Try and Buy for Solaris	JMQBS-100-TD99
Java Message Queue 1.0 Try and Buy for NT	JMQBN-100-TD99

Developers Edition

Java Message Queue 1.0 Developer Kit for Solaris 1 RTU, Electronic Download	JMQIS-100-TL99
Java Message Queue 1.0 Developer Kit for NT 1 RTU, Electronic Download	JMQIN-100-TL99

Micro Focus COBOL for Solaris 2.x

Micro Focus COBOL products consist of both developer toolkits and runtime libraries for applications created with these toolkits. The Micro Focus COBOL developer toolkits support the highest level of ANSI standard COBOL syntax along with many other syntax variants, including those of IBM's mainframe COBOL compilers. Applications compiled with either Micro Focus COBOL 5.0 or 6.0 will probably run faster than the same applications compiled with Micro Focus COBOL 4.1. The runtime libraries allow Micro Focus COBOL applications to be easily distributed across Sun systems.

Micro Focus COBOL 6.0 is also called Micro Focus Server Express 2.0.n Server supports distributing client/server applications by providing utilities that simplify client communication, graphical user interface management, data access and file handling. The application server includes Fileshare.

Micro Focus COBOL 5.0 is also called Micro Focus Server Express 1.0.

Micro Focus COBOL 4.1 is also called Micro Focus Object COBOL 4.1.

Requires:

- COBOL 6.0 requires Solaris 7 or later Solaris release.
- COBOL 5.0 requires Solaris 2.6, 7 or 8.
- COBOL 4.1 requires Solaris 2.5.1, 2.6 or 7.

Description	Order Number
Media, Documentation, and Single-User License for All SPARC Systems	
UNIX Developer Toolkits	
Micro Focus Server Express 2.0 (COBOL Developer 6.0) Media, single user license, online docs, 1 runtime license - Solaris 7 and later, all SPARC.	MCBIS-600-T999
Micro Focus Server Express 1.0 (COBOL Developer 5.0) Media, single user license, online docs, 1 runtime license - Solaris 2.6, 7 & 8, all SPARC.	MCBIS-500-T999
MicroFocus COBOL 4.1 UNIX Developer Toolkit Media, Documentation, Single-User Developer License plus 5 deployment licenses - All SPARC Solaris 2.5.1, 2.6 & 7 Solaris Systems	MDT-4.1-P
• <i>UNIX Developer's Toolkit includes: COBOL Compiler, COBOL Toolbox, Dialog System, 5 Application Server (OSX)</i>	
Runtime Libraries	
Micro Focus Application Server for Server Express 2.0 - media, 10-user license, Solaris 7 and later, all SPARC.	MCBXS-600-R999
Micro Focus Application Server for Server Express 1.0 - media, 10-user license, Solaris 2.6, 7 & 8, all SPARC.	MCBXS-500-R999
Micro Focus COBOL 4.1 for Solaris 2.5.1, 2.6, & 7. 10-User slimkit including Media and 10-User OSX License for first 10 users on a single server for All SPARC Systems	MOSX-INI-4.1-S10
Micro Focus COBOL 4.1 for Solaris 2.5.1, 2.6 & 7. 10-User OSX License for 10 additional users on a single server for All SPARC Systems	MOSX-ADD-4.1-L10

General Notes

- Read the Software licensing information before ordering any software products. See page 2.
- Distribution of Micro Focus COBOL applications requires a purchase of the corresponding runtime library.
- For COBOL 5.0 and 6.0, runtime licenses are concurrent user licenses. For COBOL 4.1, on the other hand, at least one runtime license is required for each potential user (more if a user will be concurrently running more than one COBOL application), NOT just for the number of concurrent users.
- For COBOL 4.1, one MOSX-INI-4.1-S10 must be purchased for each server.

Micro Focus COBOL Upgrades

Description	Order Number
Micro Focus COBOL 4.1 Toolkit	
MicroFocus COBOL 4.1 UNIX Developer Toolkit Upgrade Media, Documentation Single-User Developer License plus 5 deployment licenses - All SPARC Solaris 2.5.1, 2.6, & 7 Systems	MDT-4.1-PU

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
 - *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
 - *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*
-

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

Sun Global Application Developer Kit

Sun Global Application Developer Kit is a collection of tools and software that simplifies the task of developing software applications that will work almost anywhere in the world on any language version of Solaris. This product is suitable for developers whether or not they intend to localize their software into another language.

Requires:

- Requires Solaris 2.6 or Solaris 7.

Description	Order Number
Media and User License for SPARC and Intel Systems and Documentation	
Global Application Developers Kit 1.0, One License SPARC and Intel; includes Software and Documentation	GDKM9-100-T999

General Notes

- *Read the Software licensing information before ordering any software products. See page 2.*
- *Recommended for developers or IT departments who are planning to deploy a multilingual computing environment.*

Development Tools Configurations for Solaris/SPARC

The WorkShop Family of Developer Tools								
Components	GUI Builder for Motif, Windows, Java	Integrated Programming Env.	Sun Memory Monitor	WorkShop TeamWare	MP/MT tools	WorkShop Compiler C	WorkShop Compiler C++	WorkShop Compiler FORTRAN 77 WorkShop Compiler Fortran 90 Sun Performance Library
Product Name								
Sun Visual WorkShop for C++	✓	✓	✓	✓	✓	✓	✓	
Sun Performance WorkShop Fortran		✓		✓	✓	✓		✓
Sun WorkShop Professional C		✓				✓		
Sun WorkShop Compilers C/C++						✓	✓	
Sun WorkShop Compilers Fortran								✓
Sun WorkShop TeamWare				✓				

The Sun WorkShop family has products ranging from compilers to complete visual programming environments, for languages including C, C++, FORTRAN 77 and Fortran 90. Target developers have typically already chosen to develop on SPARC or UltraSPARC systems with Solaris. Sun WorkShop integrates the tools developers use on a daily basis: a professional GUI builder for Motif and Windows (available in Visual WorkShop for C++); productivity tools to browse, debug, and tune applications; a fast, optimizing compiler language system; run-time error checking, incremental linker, multithreaded development tools, and WorkShop TeamWare for software configuration management.

To determine the appropriate products to recommend, first determine the language(s) planned. Because of their comprehensive feature sets and excellent value, we recommend you lead with Visual WorkShop C++ and Performance WorkShop Fortran. We offer other configurations if the developer doesn't require the complete feature set. Turn to the specific product description for more details.

Personal Editions

Personal Editions are new to Visual WorkShop and Performance WorkShop in 5.0. They are "nodelocked" versions that only operate on a single machine, as opposed to the "regular" licenses that can "float" to any machine on the network. They are ideal for individuals and many small programming teams. For more information, see <http://www.sun.com/workshop/license>.

Sun C and C++ Products 5.0

We offer three configurations of products for customers using C or C++.

- Visual WorkShop C++ includes an integrated programming environment to easily browse, edit, compile, and debug your applications, run-time error checking, fast native ANSI C and C++ compilers, incremental linker, Rogue Wave's Tools.h++ 7.0, WorkShop TeamWare for code management and distributed development, multi-threaded and parallelization development tools, a visual GUI builder for both Motif, Java, Windows, and the new Sun Memory Monitor Software. These tools are all integrated into a single easy-to-use interface.
- WorkShop Professional C includes an integrated programming environment to easily browse, edit, compile, and debug your applications, an ANSI C compiler, an incremental linker, and run-time error checking.
- WorkShop Compilers C/C++ 5.0 language systems provide fast native ANSI C and C++ compilers.

Configurations Include:

- Visual WorkShop C++
- WorkShop Professional C
- WorkShop Compilers C/C++
- All Slim Kits for a product include one CD-ROM media, complete on-line documentation in HTML and AnswerBook format, and a single user license for that product.
- A 10-User Slim Kit includes one CD-ROM media, complete on-line documentation in HTML and AnswerBook format, and a 10 user license for that product.
- Hard-copy documentation must be ordered separately.
- Media includes a CD-ROM containing all software. Licenses unlock the different products from the CD-ROM.

Requires:

- Requires Solaris 2.5.1, 2.6 or Solaris 7.

Description	Order Number
Sun Visual WorkShop C++ 5.0	
Documentation	
Visual WorkShop C++ 5.0 Documentation Set	VWSD9-500-T999
Media and User License	
Sun Visual WorkShop C++ 5.0 One-User Slim Kit for SPARC, includes software, on-line documentation and one-user license	VWSIS-500-T999
Sun Visual WorkShop C++ 5.0 Ten-User Slim Kit for SPARC, includes software, on-line documentation and ten-user licenses	VWSXS-500-T999
Sun Visual WorkShop C++ 5.0 25-User Slim Kit for SPARC, includes software, on-line documentation and 25-user licenses	VWSYS-500-T999
Sun Visual WorkShop C++ 5.0 One-User Slim Kit for Intel, includes software, on-line documentation and one-user license	VWSII-500-T999
Sun Visual WorkShop C++ 5.0 Ten-User Slim Kit for Intel, includes software, on-line documentation and ten-user licenses	VWSXI-500-T999

General Notes

- *Read the Software licensing information before ordering any software products. See page 2.*
- *WorkShop components are each licensed separately. Compilers are licensed based on unique Unix user names. Other tools are licensed based on unique Unix user names and specific X-display device names.*

Sun C and C++ Products 5.0 *(continued)*

Description	Order Number
Sun Visual WorkShop C++ 5.0 <i>(continued)</i>	
User License Electronic Download	
Sun Visual WorkShop C++ 5.0 1 RTU ESD for SPARC. (This part only available through, SunStore, http://sun.com/sunstore , select Catalog, then software)	VWSBS-500-T999 ¹
Sun Visual WorkShop C++ 5.0 1 RTU ESD for Intel (This part only available through sunstore http://sun.com/sunstore , select catalog, then software)	VWSBI-500-T999 ¹
1 RTU Electronic License only for SPARC Sun Visual WorkShop C++ version 5.0.	VWSBS-500-T889
1 RTU ESD for Intel Sun Visual WorkShop C++ version 5.0	VWSBI-500-T889
User License for Evaluation Electronic Download	
Sun Visual WorkShop C++ 5.0 ESD Try License Only for SPARC (This part only available through SunStore, http://sun.com/sunstore select Catalog, then software)	VWSBS-500-TD99 ¹
Sun Visual WorkShop C++ 5.0 ESD Try License Only for Intel (This part only available through SunStore, http://sun.com/sunstore , select, Catalog, then Software)	VWSBI-500-TD99 ¹
Sun Visual WorkShop C++ 5.0 Personal Edition	
User License	
Sun Visual WorkShop C++ 5.0 1-user Slim Kit for SPARC. Includes software, on-line documentation, and one-user license.	VWPIS-500-T999
Sun Visual WorkShop C++ 5.0 Personal Edition. 1-user Slim Kit for Intel. Includes software, on-line documentation, and one-user licenses.	VWPPI-500-T999
Personal Edition User License Electronic Download	
Sun Visual WorkShop C++ 5.0 Personal Edition. 1-RTU ESD for SPARC. (This part only available through SunStore http://sun.com/sunstore , select Catalog, then Software)	VWPBS-500-T999 ¹
Sun Visual WorkShop C++ 5.0 Personal Edition. 1-RTU ESD for Intel. (This part only available through SunStore http://sun.com/sunstore , select Catalog, then Software)	VWPBI-500-T999 ¹

General Notes

- Read the Software licensing information before ordering any software products. See page 2.
- WorkShop components are each licensed separately. Compilers are licensed based on unique Unix user names. Other tools are licensed based on unique Unix user names and specific X-display device names.

Footnote

1. This part is only available through the SunStore, <http://sun.com/sunstore> (select Catalog, then Software).

Sun C and C++ Products 5.0 *(continued)*

Description	Order Number
Sun WorkShop Professional C 5.0	
Documentation	
Sun WorkShop Professional C 5.0 Documentation Set (one complete set of printed manuals for all platforms)	WPCD9-500-T999
Media and User License	
Sun WorkShop Professional C 5.0 One-User Slim Kit for SPARC, includes software, on-line documentation and one user license	WPCIS-500-T999
Sun WorkShop Professional C 5.0 10-User Slim Kit for SPARC, includes software, on-line documentation and ten-user licenses	WPCXS-500-T999
Sun WorkShop Professional C 5.0 One-User Slim Kit for Intel, includes software, on-line documentation and one-user license	WPCII-500-T999
Sun WorkShop Professional C 5.0 10-User Slim Kit for Intel, includes software, on-line documentation and ten-user licenses	WPCXI-500-T999
User License Electronic Download	
Sun WorkShop Professional C 5.0 One RTU ESD for SPARC (This part only available through Sunstore, http://sun.com/sunstore , Select Catalog, then Software)	WPCBS-500-T999 ¹
Sun WorkShop Professional C 5.0 One RTU ESD for Intel (This part only available through Sunstore http://sun.com/sunstore , select Catalog, then Software)	WPCBI-500-T999 ¹
1 RTU ESD for SPARC WorkShop Professional version 5.0.	WPCBS-500-T889
1 RTU ESD for Intel WorkShop Professional version 5.0	WPCBI-500-T889
User License for Evaluation Electronic Download	
Sun WorkShop Professional C 5.0 ESD for SPARC (This part only available through SunStore, http://sun.com/sunstore , select Catalog, then Software)	WPCBS-500-TD99 ¹
Sun WorkShop Professional C 5.0 ESD for Intel (this part only available through SunStore, http://sun.com/sunstore , select Catalog, then Software)	WPCBI-500-TD99 ¹

General Notes

- Read the Software licensing information before ordering any software products. See page 2.
- WorkShop components are each licensed separately. Compilers are licensed based on unique Unix user names. Other tools are licensed based on unique Unix user names and specific X-display device names.

Footnote

1. This part is only available through the SunStore, <http://sun.com/sunstore> (select Catalog, then Software).

Sun C and C++ Products 5.0 *(continued)*

Description	Order Number
Sun WorkShop Compilers C/C++ 5.0	
Documentation	
Sun WorkShop Compilers C/C++ 5.0 Documentation Set (one complete set of printed manuals for all platforms)	WCCD9-500-T999
Media and User License	
Sun WorkShop Compilers C/C++ 5.0 One-User Slim Kit for SPARC, includes software, on-line documentation and one-user license	WCCIS-500-T999
Sun WorkShop Compilers C/C++ 5.0 One-User Slim Kit for Intel, includes software, on-line documentation and one-user license	WCCII-500-T999
Sun WorkShop 5.0 Media Kits	
Media Kit 5.0. One Media kit only for SPARC. Product CD with no license. (This part only available through SunStore, http://sun.com/sunstore , select Catalog, then Software)	WSMMS-500-T999 ¹
Media Kit 5.0. One Media kit only for Intel. Product CD with no license. (This part only available through SunStore, http://sun.com/sunstore , select Catalog, then Software)	WSMMI-500-T999 ¹
General Notes	
<ul style="list-style-type: none">• Read the Software licensing information before ordering any software products. See page 2.• WorkShop components are each licensed separately. Compilers are licensed based on unique Unix user names. Other tools are licensed based on unique Unix user names and specific X-display device names.	

Footnote

1. This part is only available through the SunStore, <http://sun.com/sunstore> (select Catalog, then Software).

Sun C and C++ Products 5.0 Upgrades/Tradeups

Description	Order Number
Sun Visual WorkShop C++ 5.0 Upgrades	
Visual Workshop C++ 5.0 Upgrades. One-user slim Kit for SPARC. These items may be ordered for sub- licensing only to end users with an earlier license for Sun Visual Workshop C++. Current SPARC plat- form licenses may only be upgraded to Sparc licenses and Intel plat- form licenses to Intel licenses.	VWSIS-500-T9U9
Visual Workshop C++ 5.0 Upgrades. Ten-user Slim Kit for SPARC. These items may be ordered for sub- licensing only to end users with an earlier license for Sun Visual Workshop C++. Current SPARC plat- form licenses may only be upgraded to Sparc licenses and Intel plat- form licenses to Intel licenses.	VWSXS-500-T9U9
Visual Workshop C++ 5.0 Upgrades. 25-user Slim Kit for SPARC. These items may be ordered for sub- licensing only to end users with an earlier license for Sun Visual Workshop C++. Current SPARC plat- form licenses may only be upgraded to Sparc licenses and Intel plat- form licenses to Intel licenses.	VWSYS-500-T9U9
Visual Workshop C++ 5.0 Upgrades. One-user Slim Kit for Intel. These items may be ordered for sub- licensing only to end users with an earlier license for Sun Visual Workshop C++. Current SPARC plat- form licenses may only be upgraded to Sparc licenses and Intel plat- form licenses to Intel licenses.	VWSII-500-T9U9
Visual Workshop C++ 5.0 Upgrades. Ten-user Slim Kit for Intel. These items may be ordered for sub- licensing only to end users with an earlier license for Sun Visual Workshop C++. Current SPARC plat- form licenses may only be upgraded to Sparc licenses and Intel plat- form licenses to Intel licenses.	VWSXI-500-T9U9
Sun Visual WorkShop C++ 5.0 Personal Edition Upgrades	
Visual Workshop C++ Personal Edition 5.0 Upgrades. One-user Slim Kit for SPARC.	VWPIS-500-T9U9

Sun C and C++ Products 5.0 Upgrades/Tradeups *(continued)*

Description	Order Number
Sun Visual WorkShop C++ 5.0 Tradeups	
Sun Visual Workshop C++ 5.0 Tradeup to VWS (SPARC) from SPARCCompiler C++, WorkShop Compilers C/C++4.2	VW1IS-500-T9T9
Sun Visual Workshop C++ 5.0 Tradeup to VWS (SPARC) from SPARCworks Professional C, SPARC- works Professional C++, WorkShop for C, WorkShop Professional C 3.0	VW2IS-500-T9T9
Sun Visual Workshop C++ 5.0 Tradeup to VWS (SPARC) from VWS Personal Edition 5.0	VWPIS-500-T9T9
Sun Visual Workshop C++ 5.0 Tradeup to VWS (Intel) from VWS Personal Edition 5.0	VWPPII-500-T9T9
Sun Visual Workshop C++ 5.0 Tradeup to VWS (Intel) from ProCompiler C, ProCompiler C++, WorkShop Compilers C/C++	VW1II-500-T9T9
Sun Visual Workshop C++ 5.0 Tradeup to VWS (Intel) from ProWorks Professional C, WorkShop Professional C 3.0	VW2II-500-T9T9
Sun WorkShop Professional C 5.0	
Sun WorkShop Professional C 5.0 Upgrades, One-User Slim Kit for SPARC; may be ordered only for end users with an earlier license for WorkShop Professional C. Current SPARC licenses may only be upgraded to SPARC and Intel licenses may be upgraded to Intel.	WPCIS-500-T9U9
Sun WorkShop Professional C 5.0 Upgrades, 10-User Slim Kit for SPARC; may be ordered only for end users with an earlier license for WorkShop Professional C. Current SPARC licenses may only be upgraded to SPARC and Intel licenses may be upgraded to Intel.	WPCXS-500-T9U9
Sun WorkShop Professional C 5.0 Upgrades, 1-User Slim Kit for Intel; may be ordered only for end users with an earlier license for WorkShop Professional C. Current SPARC licenses may only be upgraded to SPARC and Intel licenses may be upgraded to Intel.	WPCII-500-T9U9
Sun WorkShop Professional C 5.0 Upgrades, 10-User Slim Kit for Intel; may be ordered only for end users with an earlier license for WorkShop Professional C. Current SPARC licenses may only be upgraded to SPARC and Intel licenses may be upgraded to Intel.	WPCXI-500-T9U9

General Notes

- Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.
- For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.
- Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.

Ordering Note

- Read the Software licensing information before ordering any software upgrades.

Sun C and C++ Products 5.0 Upgrades/Tradeups *(continued)*

Description	Order Number
Sun WorkShop Compilers for C/C++ 5.0 Upgrades	
Sun WorkShop Compilers C/C++ 5.0 Upgrades, One-User Slim Kit for SPARC; upgrades for the SPARC platform may only be ordered for end users with an earlier license for WorkShop Compilers C/C++ on SPARC, SPARCompiler C or SPARCompiler C++.	WCCIS-500-T9U9
Sun WorkShop Compilers C/C++ 5.0 Upgrades, One-User Slim Kit for Intel; upgrades for the Intel platform may only be ordered for end users with an earlier license for WorkShop Compilers C/C++ on Intel, ProCompiler C or ProCompiler C++.	WCCII-500-T9U9

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
- *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
- *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

FORTRAN 77 and Fortran 90 Products 5.0

We offer two configurations of products for customers using FORTRAN 77 and/or Fortran 90.

Performance WorkShop Fortran v5.0 includes the WorkShop Compilers Fortran for FORTRAN 77 and Fortran 90, ANSI C compiler, Sun Performance Library, an integrated programming environment, WorkShop TeamWare for code management and distributed development, and multi-threaded and parallelization development tools. These tools are all integrated into a single easy-to-use interface. WorkShop Compilers Fortran v5.0 language systems include the Fortran 90 compiler, which conforms to the ISO 1539:1991 standard and adds Cray Fortran extensions, the FORTRAN 77 compiler, which conforms to the ANSI X3.9-1978 FORTRAN standard and adds VAX/VMS FORTRAN, and Performance Library, optimized numerical algorithm libraries.

Configurations Include:

- Performance WorkShop Fortran v5.0
- WorkShop Compilers Fortran v5.0
- A 1-user Slim Kit for a product includes one CD-ROM media, complete on-line documentation in HTML and AnswerBook format, and a single user license for that product.
- A 10-User Slim Kit includes one CD-ROM media, complete on-line documentation in HTML and AnswerBook format, and a 10 user license for that product.
- Hard-copy documentation must be ordered separately.
- Media includes a CD-ROM containing all software. Licenses unlock the different products from the CD-ROM.

Requires:

- Requires Solaris 2.5.1, 2.6 or Solaris 7.

Description	Order Number
Performance WorkShop Fortran 5.0	
Documentation	
Sun Performance WorkShop Fortran 5.0 Documentation Set (one set of printed manuals for all platforms)	PWSD9-500-T999
Media and User License	
Sun Performance WorkShop Fortran 5.0 One-User Slim Kit for SPARC, includes software, on-line documentation and one user license	PWSIS-500-T999
Sun Performance WorkShop Fortran 5.0 10-User Slim Kit for SPARC, includes software, on-line documentation and 10 user licenses	PWSXS-500-T999
Sun Performance WorkShop Fortran 5.0 25-User Slim Kit for SPARC, includes software, on-line documentation and 25 user licenses	PWSYS-500-T999
Sun Performance WorkShop Fortran 5.0 One-User Slim Kit for Intel, includes software, on-line documentation and one user license	PWSII-500-T999
Sun Performance WorkShop Fortran 5.0 10-User Slim Kit for Intel, includes software, on-line documentation and 10 user licenses	PWSXI-500-T999

General Notes

- *Read the Software licensing information before ordering any software products. See page 2.*
- *WorkShop components are each licensed separately. Compilers are licensed based on unique UNIX user names. Other tools are licensed based on unique UNIX user names and specific X-display device names.*

Footnote

1. *This part is only available through the SunStore, <http://sun.com/sunstore> (select Catalog, then Software).*

FORTRAN 77 and Fortran 90 Products 5.0 *(continued)*

Description	Order Number
Performance WorkShop Fortran 5.0 <i>(continued)</i>	
User License Electronic Download	
Sun Performance WorkShop Fortran 5.0 One RTU ESD Only for SPARC (This part is only available through SunStore, http://sun.com/sunstore , select catalog, then Software)	PWSBS-500-T999 ¹
Sun Performance WorkShop Fortran 5.0 1-RTU ESD for Intel (This part is only available through SunStore Select Catalog, then Software)	PWSBI-500-T999 ¹
Sun Performance WorkShop Fortran 1 RTU ESD for SPARC.	PWSBS-500-T889
Sun Performance WorkShop Fortran 1 RTU ESD for Intel.	PWSBI-500-T889
User License for Evaluation Electronic Download	
Sun Performance WorkShop Fortran 5.0 1-RTU Floating License, Solaris, Elextronic Download (30 day evaluation). (This part is only available through SunStore, http://sun.com/sunstore , select Catalog, then Software)	PWSBS-500-TD99 ¹
Sun Performance WorkShop Fortran 5.0, 1-RTU Floating License, Intel Electronic Download (30 day evaluation) (This part is only available through SunStore, http://sun.com/sunstore , select catalog, then Software)	PWSBI-500-TD99 ¹

Performance WorkShop Fortran 5.0 Personal Edition

Personal Edition

Sun Performance WorkShop Fortran Personal Edition 5.0 One-User Slim Kit for SPARC, includes software, on-line documentation and one user license	PWPIS-500-T999
Sun Performance WorkShop Fortran Personal Edition 5.0 One-User Slim Kit for Intel, includes software, on-line docuemntation and one user license	PWPIL-500-T999

User License Electronic Download

Sun Performance WorkShop Fortran Personal Edition 5.0 One RTU ESD for SPARC to order, go to http://www.sun.com/workshop/)	PWPBS-500-T999 ¹
Sun Performance WorkShop Fortran Personal Edition 5.0 1-RTU Node-Locked License, Intel, (ESD (This part is only available through SunStore, http://sun.com/sunstore , select Catalog, then Software)	PWPBI-500-T999 ¹

General Notes

- Read the Software licensing information before ordering any software products. See page 2.
- WorkShop components are each licensed separately. Compilers are licensed based on unique UNIX user names. Other tools are licensed based on unique UNIX user names and specific X-display device names.

Footnote

1. This part is only available through the SunStore, <http://sun.com/sunstore> (select Catalog, then Software).

FORTRAN 77 and Fortran 90 Products 5.0 *(continued)*

Description	Order Number
Fortran Compilers 5.0	
Documentation	
Sun WorkShop Compilers Fortran 5.0 Documentation Set (one complete set of printed manuals for all platforms)	WCFD9-500-T999
Media and User License	
Sun WorkShop Compilers Fortran 5.0 One-User Slim Kit for SPARC, includes software, on-line documentation and one user license	WCFIS-500-T999
Sun WorkShop Compilers Fortran 5.0 One-User Slim Kit for Intel, includes software, on-line documentation and one user license	WCFII-500-T999

General Notes

- *Read the Software licensing information before ordering any software products. See page 2.*
- *WorkShop components are each licensed separately. Compilers are licensed based on unique UNIX user names. Other tools are licensed based on unique UNIX user names and specific X-display device names.*

FORTRAN 77 and Fortran 90 Products 5.0 Upgrades/Tradeups

Description	Order Number
Sun Performance WorkShop FORTRAN 5.0 Upgrades	
Sun Performance WorkShop Fortran 5.0 Upgrades, One-User Slim Kit for SPARC; may be ordered for sublicensing only to end users with an earlier license for Sun Performance WorkShop Fortran. Current SPARC licenses may only be upgraded to SPARC licenses and Intel licenses may only be upgraded to Intel licenses.	PWSIS-500-T9U9
Sun Performance WorkShop Fortran 5.0 Upgrades, Ten-User Slim Kit for SPARC; may be ordered for sublicensing only to end users with an earlier license for Sun Performance WorkShop Fortran. Current SPARC licenses may only be upgraded to SPARC licenses and Intel licenses may only be upgraded to Intel licenses.	PWSXS-500-T9U9
Sun Performance WorkShop Fortran 5.0 Upgrades, One-User Slim Kit for Intel; may be ordered for sublicensing only to end users with an earlier license for Sun Performance WorkShop Fortran. Current SPARC licenses may only be upgraded to SPARC licenses and Intel licenses may only be upgraded to Intel licenses.	PWSII-500-T9U9
Sun Performance WorkShop Fortran 5.0 Upgrades, Ten-User Slim Kit for Intel; may be ordered for sublicensing only to end users with an earlier license for Sun Performance WorkShop Fortran. Current SPARC licenses may only be upgraded to SPARC licenses and Intel licenses may only be upgraded to Intel licenses.	PWSXI-500-T9U9
Sun Performance WorkShop FORTRAN 5.0 Tradeups	
Tradeup to Performance WorkShop Fortan 5.0 (SPARC) from SPARCompiler Fortran 77, SPARCompiler Fortran 90, Sun Performance Library, WorkShop Compilers Fortran 4.2	PW1IS-500-T9T9
Tradeup to Performance WorkShop Fortan 5.0 (SPARC) from SPARCworks Professional Fortran 77, SPARCworks Professional Fortran 90	PW2IS-500-T9T9
Tradeup to Performance WorkShop Fortan 5.0 (SPARC) from Performance WorkShop Personal Edition, SPARC	PWPIS-500-T9T9

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
- *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
- *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

FORTRAN 77 and Fortran 90 Products 5.0 Upgrades/Tradeups *(continued)*

Description	Order Number
Sun Performance WorkShop FORTRAN 5.0 Tradeups <i>(continued)</i>	
Tradeup to Performance WorkShop Fortran 5.0 (Intel) from ProCompiler FORTRAN 77, WorkShop Compilers Fortran 4.2	PW1II-500-T9T9
Tradeup to Performance WorkShop Fortran 5.0 (Intel) from ProWorks FORTRAN 77	PW2II-500-T9T9
Tradeup to Performance WorkShop Fortran 5.0 (Intel) from Performance WorkShop Fortran Personal Edition, Intel	PWP1I-500-T9T9

Sun WorkShop Compilers FORTRAN 5.0 Upgrades

Sun WorkShop Compilers Fortran 5.0 Upgrades, One-User Slim Kit for SPARC; upgrades for the SPARC platform may only be ordered for end users with an earlier license for WorkShop Compilers Fortran on SPARC, SPARCompiler FORTRAN 77 or SPARCompiler Fortran 90.	WCFIS-500-T9U9
Sun WorkShop Compilers Fortran 5.0 Upgrades, One-User Slim Kit for Intel; upgrades for the Intel platform may only be ordered for end users with an earlier license for WorkShop Compilers Fortran on Intel or ProCompiler FORTRAN 77.	WCFII-500-T9U9

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
- *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
- *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

WorkShop TeamWare 2.1

Sun WorkShop TeamWare software configuration management tools facilitate the management of a team's software development activities even when distributed among multiple sites. We provide automated tools that improve a team's productivity by allowing team members to work in parallel, coordinate, integrate, and build a product. These tools are easy to learn, easy to use, easy to administer, and completely scalable.

Configurations Include:

- WorkShop TeamWare 2.1
- All Slim Kits for a product include one CD-ROM media, complete on-line documentation in HTML and AnswerBook format, and a single user license for that product.
- A 10-User Slim Kit includes one CD-ROM media, complete on-line documentation in HTML and AnswerBook format, and a 10-user license for that product.
- Media includes a CD-ROM containing all software. Licenses unlock the different products from the CD-ROM.

Requires:

- Requires Solaris 2.5.1, 2.6 or Solaris 7.

Description	Order Number
WorkShop TeamWare 2.1	
Documentation	
Sun WorkShop Teamware 2.1 Documentation Set (one complete set of printed manuals for all platforms)	WTWD9-210-T999
Media and User License	
Sun WorkShop Teamware 2.1 One-User Slim Kit for SPARC, includes software, on-line documentation and one user license	WTWIS-210-T999
Sun WorkShop Teamware 2.1 One-User Slim Kit for Intel, includes software, on-line documentation and one user license	WTWII-210-T999

General Notes

- *Read the Software licensing information before ordering any software products. See page 2.*
- *WorkShop TeamWare is licensed based on unique UNIX user names and specific X-display device names.*

WorkShop TeamWare 2.1 Upgrades

Description	Order Number
WorkShop TeamWare 2.1 Upgrades	
Sun WorkShop TeamWare 2.1 Upgrades, One-User Slim Kit for SPARC; may only be ordered for end users with an earlier license of WorkShop TeamWare. Current SPARC licenses may only be upgraded to SPARC licenses and Intel licenses may only be upgraded to Intel licenses.	WTWIS-210-T9U9
Sun WorkShop TeamWare 2.1 Upgrades, One-User Slim Kit for Intel; may only be ordered for end users with an earlier license of WorkShop TeamWare. Current SPARC licenses may only be upgraded to SPARC licenses and Intel licenses may only be upgraded to Intel licenses.	WTWII-210-T9U9

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
 - *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
 - *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*
-

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

Sun Management Center 2.1.1/Developer Environment

Sun Management Center 2.1.1

Sun Management Center is an open, extensible, standards-based system management solution that facilitates active, enterprise-wide management of Sun system products and their subsystems and components.

Sun Management Center software uses Java technology, SNMPv2, usec, and other protocols and standards to provide an integrated and comprehensive management solution to manage Sun desktops, servers, applications, and business processes.

Sun Management Center 2.1.1 Developer Environment

Sun Management Center 2.1.1 Developer Environment is a software development kit that provides Application Programming Interfaces (APIs) and tools to help users and third party developers, such as ISVs, plan, design, develop, and integrate third-party applications, tools, and customized solutions based on the framework provided by the Sun Management Center product.

Requires:

- Console layer requires Solaris 2.6, Solaris 7, Solaris 8 or Windows 95/98/NT

Description	Order Number
Sun Management Center 2.1.1 Production Environment	
Server Right-to-use License	
Sun Management Center 2.1.1 (2 Server RTU License) Production Environment	SYMI9-211-E999
Sun Management Center 2.1.1 for 10 servers (RTU license) Production Environment	SYM9-211-E999
Sun Management Center 2.1.1 for 25 servers (RTU license) Production Environment	SYM9-211-E999
Sun Management Center 2.1.1 for 100 servers (RTU license) Production Environment	SYM9-211-E999
Desktop Right-to-use License	
Sun Management Center 2.1.1 for 10 desktop pack (RTU license)	SYM9-211-D999
Sun Management Center 2.1.1 for 100 desktop pack (RTU license)	SYM9-211-D999
Sun Management Center 2.1.1 for 250 desktop pack (RTU license)	SYM9-211-D999
Media and Documentation	
Sun Management Center 2.1.1 Media Kit (media, localized softcopy docs)	SYM9-211-999M
<ul style="list-style-type: none">• <i>License includes right-to-use for Sun Management Center 2.1.1, server, and agent layers. License is for the number of Solaris servers or Solaris desktops/network devices that are being managed from Sun Management Center 2.1.1 server layer. Licenses are cumulative.</i>	
Sun Management Center 2.1.1 Developer Environment	
Sun Management Center 2.1.1 Developer Environment, includes Single User RTU license, Media & Documentation	SYM9-211-T999
Sun Management Center 2.1.1 Developer Environment, includes Five User RTU License, Media, and Documentation	SYM9-211-T999

Footnote

1. Support is available through Developer Technical Support. Visit the following website for more details about these programs: <http://www.sun.com/developers/support/>