

APIs, Components and Frameworks

Java Technology

Java Dynamic Management Kit 4.1

JDMK is the fundamental framework for developing distributed Java management applications. Using manageable JavaBeans components, it allows you to create smart, lightweight, embedded solutions that can be scaled seamlessly to manage entire networked systems for the service driven network.

JDMK software is the first commercial product to implement the public specification of the Java Management Extensions (JMX), which define a standard for managing Java technology-enabled resources. JDMK 4.1 allows customers to build solutions that support Java-technology specifications JMX while maintaining compatibility with existing SNMP based platforms.

JDMK 4.1 supports both the JDK 1.1.8 platform and the Java 2, v1.2.2 platform on Solaris and Windows NT.

Operating Environment on Solaris 7 and Solaris 8 for SPARC and INTEL or Windows NT 4.0 for INTEL (Service Pack 6A).

Runtime Licenses:

- Java Dynamic Management Kit 4.1 Runtime Licenses provides the right to deploy Java Management Applications and services developed using the JDMK Development Environment. See page 7-10.

Description	Order Number
Java Dynamic Management Kit 4.1 for Development	
Java Dynamic Management Kit 4.1 Starter Kit including: 1 development seat, royalties for 50 runtimes for servers or network elements, one hard-copy documentation and one CD-ROM	JDML9-410-RO99 ¹
Java Dynamic Management Kit 4.1 Single Developer Pack including one development seat, five run-time licenses, one hard-copy documentation and one CD-ROM	JDMI9-410-TO99
Java Dynamic Management Kit 4.1 Five Developer Pack including each one development seat, five run-time licenses, one hard-copy documentation and one CD-ROM	JDMV9-410-TO99
Java Dynamic Management Kit 4.1 Single Developer Pack (electronic distribution) including one development seat and five run-time licenses	JDMB9-410-TO99 ²
Java Dynamic Management Kit 4.1 for Deployment	
Java Dynamic Management Kit 4.1 runtime royalties (for deployment)	JDM99-410-RO99
Java Dynamic Management Kit 4.1 Documentation	
Java Dynamic Management Kit 4.1 hard-copy documentation set	JDMD9-410-M999 ³
Upgrade from Java Dynamic Management Kit 4.0 to Java Dynamic Management 4.1	
Upgrade from JDMK 4.0 to JDMK 4.1 (electronic distribution)	JDMB9-410-TOU9 ⁴

General Notes

- Read the Software licensing information before ordering any software products. See page 7-2.

Footnotes

1. This part number includes the right to deploy management solutions based on JDMK agents on 50 systems (servers or network elements). For additional rights to deploy, additional licenses are available through the runtime royalty part number.
2. This is an e-download part available through SunStore. Direct the customer to this site: <http://store.sun.com> to order this part. If this P/N is part of a PO, cancel the paper order and direct the customer to the website. SunStore might not be available worldwide on the FCS date, please check with your eSun contact.
3. Runtime licenses are available subject to the payment of per-unit royalty fees. The pricing of those royalty fees depends on type of deployment target system and on volume (see royalty tables).
4. This is an e-download part number that will be available through the Sun download center. Direct the customer to the following site: <http://www.sun.com/software/shop> (This part number will not be available worldwide on the FCS date, please contact jdmk-interest@sun.com alias).

Java Dynamic Management Kit 4.1 *(continued)*

JDMK 4.1 per unit royalties

Project Cumulative Number of Units:	Royalty fees per unit for solutions deployed on end-user desktops and consumer devices
5000 to 50,000	\$5.00
50,000 to 150,000	\$4.00
150,000 to 250,000	\$3.00
250,000 to 1,000,000	\$2.00
Over 1,000,000	\$1.00
Note: Minimum quantity for this type of target device is 5000 units.	

Project Cumulative Number of Units:	Royalty fees per unit for solutions deployed on servers and network elements
50 - 1000	\$150
1000 - 5000	\$80
5000 - 10,000	\$50
10,000 - 25,000	\$30
Over 25,000	\$20
Note: Minimum quantity for this type of target device is 50 units.	

Java Dynamic Management Kit 4.0

Java Dynamic Management Kit is the fundamental framework for developing distributed Java management applications. Using manageable JavaBeans components, it allows you to create smart, lightweight, embedded solutions that can be scaled seamlessly to manage entire networked systems for the Service Driven Network.

JDMK 4.0 software is the first commercial product to implement the public specification of the Java Management Extensions (JMX), which define a standard for managing Java-technology enabled resources. JDMK 4.1 supports both the JDK 1.1.8 platform and the Java 2, v1.2.2 platform on Solaris and Windows NT.

Includes:

- Tools for facilitating the development of management applications: SNMP Agent and Manager toolkit (for creating MIB specific agent and manager) and a Proxy object generator (for creating protocol independent remote access modules)
- Library of reusable generic management services
- Management run-time: a software backplane enabling the dynamic plug-in and deployment of generic and environment-specific management services.

Requires:

- Java Dynamic Management Kit 4.0 requires Java 2 SDK, Standard Edition, v1.2.
- Operating environments are Solaris 2.6 or Solaris 7 for SPARC/Intel or Windows NT 4.0 for Intel (Service Pack 5). Recommended are 5-Mbyte disk space (SPARC and Windows NT) and 32-Mbyte of memory.

Runtime Licenses:

- Java Dynamic Management Kit 4.0 Runtime Licenses provides the right to deploy Java Dynamic Management Kit Development Environment. Runtime Licenses are available subject to the payment of per unit royalty fee. See page 7-10.

Description	Order Number
Java Dynamic Management Kit 4.0 for Development	
Java Dynamic Management Kit 4.0 Single Developer Pack including one development seat, five run-time licenses, one hard-copy documentation and one CD-ROM	JDMI9-400-TO99
Java Dynamic Management Kit 4.0 Five Developer Pack including each one development seat, five run-time licenses, one hard-copy documentation and one CD-ROM	JDMV9-400-TO99
Java Dynamic Management Kit 4.0 Single Developer Pack (electronic distribution) including one development seat and five run-time licenses	JDMB9-400-TO99 ²
Java Dynamic Management Kit 4.0 for Deployment	
Java Dynamic Management Kit 4.0 runtime royalties (for deployment)	JDM99-400-RO99 ¹
Java Dynamic Management Kit 4.0 Documentation	
Java Dynamic Management Kit 4.0 hard-copy documentation set	JDMD9-400-M999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Footnotes

1. *Runtime licenses are available subject to the payment of per-unit royalty fees. The pricing of those royalty fees depend on type of deployment target system and on volume. See Royalty Tables on the following page.*
2. *This is an e-download part available through SunStore. Direct the customer to this site: <http://store.sun.com> to order this part. If this P/N is part of a PO, cancel the paper order and direct the customer to the website. SunStore might not be available worldwide on the FCS date, please check with your eSun contact.*

Java Dynamic Management Kit 4.0 *(continued)*

JDMK 4.0 per unit royalties

Project Cumulative Number of Units:	Royalty fees per unit for solutions deployed on end-user desktops and consumer devices
5000 to 50,000	\$5.00
50,000 to 150,000	\$4.00
150,000 to 250,000	\$3.00
250,000 to 1,000,000	\$2.00
Over 1,000,000	\$1.00
Note: Minimum quantity for this type of target device is 5000 units.	

Project Cumulative Number of Units:	Royalty fees per unit for solutions deployed on servers and network elements
50 - 1000	\$150
1000 - 5000	\$80
5000 - 10,000	\$50
10,000 - 25,000	\$30
Over 25,000	\$20
Note: Minimum quantity for this type of target device is 50 units.	

Java Dynamic Management Kit 3.2

Java Dynamic Management Kit is the fundamental framework for developing distributed Java management applications. Using manageable JavaBeans components, it allows you to create smart, lightweight, embedded solutions that can be scaled seamlessly to manage entire networked systems for the Service Driven Network.

Java DMK 3.2 supports the new Java 2 platform only.

Includes:

- Tools for facilitating the development of management applications: SNMP Agent and Manager toolkit (for creating MIB specific agent and manager) and a Proxy object generator (for creating protocol independent remote access modules)
- Library of reusable generic management services
- Management run-time: a software backplane enabling the dynamic plug-in and deployment of generic and environment-specific management services.

Requires:

- Java Dynamic Management Kit 3.2 requires Java 2 SDK, Standard Edition, v1.2.
- Operating environments are Solaris 2.6 or Solaris 7 for SPARC/Intel or Windows NT 4.0 for Intel (Service Pack 5). Recommended are 5-Mbyte disk space (SPARC and Windows NT) and 32-Mbyte of memory.

Runtime Licenses:

- Java Dynamic Management Kit 3.2 Runtime Licenses provides the right to deploy Java Dynamic Management Kit 3.2 Development Environment. Runtime Licenses are available subject to the payment of per unit royalty fee. See page 7-10.

Description	Order Number
Java Dynamic Management Kit 3.2 for Development	
Java Dynamic Management Kit 3.2 5 Developer Packs (Physical Distribution)	JDMV9-320-TO99
Java Dynamic Management Kit 3.2 Single Developer Pack (Physical Distribution): -1 Development Seat -5 Runtime Licenses -1 Documentation Set (hard copy) -1 CD Rom	JDMI9-320-TO99
Java Dynamic Management Kit 3.2 Single Developer Pack (Electronic Distribution): -1 Developer Seat -5 Runtime Licenses	JDMB9-320-TO99 ²
Java Dynamic Management Kit 3.2 for Deployment	
Java Dynamic Management Kit 3.2 Runtime Royalties (see table)	JDM99-320-RO99 ¹
Java Dynamic Management Kit 3.2 Documentation	
Java Dynamic Management Kit 3.2 Documentation Set (Hard Copy)	JDMD9-320-M999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Footnotes

1. *See Royalty Tables on the following page.*
2. *This is an e-download part available through SunStore. Direct the customer to this site: <http://store.sun.com> to order this part. If this P/N is part of a PO, cancel the paper order and direct the customer to the website. SunStore might not be available worldwide on the FCS date, please check with your eSun contact.*

Java Dynamic Management Kit 3.2 *(continued)*

JDMK 3.2 per unit royalties

Number of Units:	Royalty fees per unit for solutions deployed on end-user desktops and consumer devices
5000 to 50,000	\$5.00
50,000 to 150,000	\$4.00
150,000 to 250,000	\$3.00
250,000 to 1,000,000	\$2.00
Over 1,000,000	\$1.00

Number of Units:	Royalty fees per unit for solutions deployed on servers and network elements
50 - 1000	\$150
1000 - 5000	\$80
5000 - 10,000	\$50
10,000 - 25,000	\$30
Over 25,000	\$20

Java Dynamic Management Kit 3.0

Java Dynamic Management Kit is the fundamental framework for developing distributed Java management applications. Using manageable JavaBeans components, it allows you to create smart, lightweight, embedded solutions that can be scaled seamlessly to manage entire networked systems for the Service Driven Network.

Java DMK 3.0 supports JDK 1.1.6 and 1.1.7 only.

Includes:

- Tools for facilitating the development of management applications: SNMP Agent and Manager toolkit (for creating MIB specific agent and manager) and a Proxy object generator (for creating protocol independent remote access modules)
- Library of reusable generic management services
- Management run-time: a software backplane enabling the dynamic plug-in and deployment of generic and environment-specific management services.

Requires:

- Java Dynamic Management Kit 3.0 requires JDK 1.1.5 or later.
- Operating environments are Solaris 2.6 or Solaris 7 for SPARC/Intel or Windows NT 4.0 for Intel (Service Pack 5). Recommended are 5-Mbyte disk space (SPARC and Windows NT) and 32-Mbyte of memory.

Runtime Licenses:

- Java Dynamic Management Kit 3.0 Runtime Licenses provides the right to deploy Java Dynamic Management Kit 3.0 Development Environment. Runtime Licenses are available subject to the payment of per unit royalty fees. See page 7-10.

Description	Order Number
Java Dynamic Management Kit 3.0 for Development	
Java Dynamic Management Development Environment Pack including: 1 Java Dynamic Management Kit 3.0 Development Environment and 5 Java Dynamic Management Runtime Licenses (binary) 1 CD 1 Doc (hard-copy)	JDMV9-300-TO99
Java Dynamic Management Kit 3.0 Development Environment Electronic Distribution - 1 developer seat only	JDMI9-300-TO99
Java Dynamic Management Kit 3.0 for Deployment	
Java Dynamic Management Kit 3.0 Runtime Licenses: Provides the right to deploy Java Management Applications and services developed using the Java Dynamic Management Kit 3.0 Development Environment. Runtime Licenses are available subject to the payment of per unit royalty fees. See table.	JDM99-300-RO99
Java Dynamic Management Kit 3.0 Documentation	
Java DMK 3.0 Documentation only	JDMD9-300-M999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Java Dynamic Management Kit 3.0 *(continued)*

JDMK 3.0 per unit royalties

Number of Units:	Royalty fees per unit for solutions deployed on end-user desktops and consumer devices
5000 to 50,000	\$5.00
50,000 to 150,000	\$4.00
150,000 to 250,000	\$3.00
250,000 to 1,000,000	\$2.00
Over 1,000,000	\$1.00

Number of Units:	Royalty fees per unit for solutions deployed on servers and network elements
50 - 1000	\$150
1000 - 5000	\$80
5000 - 10,000	\$50
10,000 - 25,000	\$30
Over 25,000	\$20

Java Dynamic Management Kit 2.0

Java Dynamic Management Kit (DMK) 2.0 is the universal Java agent toolkit. It enables developers rapidly to create smart, dynamic agents for network, system, application and service management. It is composed of a dynamic management architecture implemented in a core management Framework; A set of core management services (dynamic library loading, logging, filtering, monitoring, etc.) and protocol adaptors (RMI, HTTP, SNMP) provided as JavaBeans components; A set of development tools: SNMP MIB compiler for support of any SNMP MIB, and a client bean generator.

For SEM 3.0 please refer to "Solstice Enterprise Manager 3.0" in the System Management section.

Requires:

- Java Dynamic Management Kit 2.0 requires JDK 1.1.3.
- Operating environments are Solaris 2.5, Solaris 2.5.1 and Solaris 2.6 for SPARC or Windows NT 4.0 for Intel. Recommended are 5-Mbyte disk space (SPARC and Windows NT) and 16-Mbyte of memory.

Description	Order Number
Java Dynamic Management Kit 2.0 Licenses	
Java Dynamic Management Kit 2.0 1000 RTU's for Runtime Agent	JDAG9-200-R999
Java Dynamic Management Kit 2.0 10 RTU's for RunTime Master Agent	JDBX9-200-R999
Java Dynamic Management Kit 2.0 Documentation	
Java Dynamic Management Kit 2.0 Documentation Set	JDMD9-200-R999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*