



IBM® - VisualAge® for Java™, Enterprise Edition for OS/390®
Version 2 Release 0
Program Number 5655-JAV

The IBM VisualAge for Java, Enterprise Edition for OS/390 licensed program is a host application development environment for fully bound, high performance Java applications. It works in conjunction with the IBM VisualAge for Java, Enterprise Edition for OS/2® and for Windows®, Version 2.0 (Windows NT® only).

Highlights

IBM VisualAge for Java, Enterprise Edition for OS/390 provides the following features that will help your Java application development:

Run-Time Library

- ✍ A run-time library of fully bound Java APIs allows you to build and run fully bound Java object code in the OS/390 UNIX® shell or under the CICS® Transaction Server for OS/390. JDK 1.1.6 is supported, along with the CICS transactional programming model.

High Performance Compiler

- ✍ The high performance compiler is an optimizing native-code compiler which compiles Java bytecode into fully bound object code that runs in an OS/390 UNIX shell or under a CICS Transaction Server for OS/390. This can improve the execution performance of the Java application for these server environments.
- ✍ The jport utility identifies Java code that cannot be used by the high performance compiler to build OS/390 native object code to run in the OS/390 UNIX shell or under the CICS Transaction Server for OS/390.
- ✍ The Performance Analyzer captures trace data on method calls during the execution of fully bound Java object code as it runs under the OS/390 UNIX shell.
- ✍ The host Debug Tool, in conjunction with the VisualAge for Java, Enterprise Edition for OS/2 and for Windows debugger allows you to remotely debug fully bound Java object code as it runs under the OS/390 UNIX shell or the CICS Transaction Server for OS/390.

Example Code

The VisualAge for Java, Enterprise Edition for OS/390, Version 2.0 product contains example code. International Business Machines Corporation provides the example code, both individually and as one or more groups, “as is” without warranty of any kind, either expressed or implied, including, but not limited to the implied warranties or conditions of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the example code, both individually and as one or more groups, is with you. Should any part of the example code prove defective, you (and not IBM) assume the entire cost of all necessary servicing, repair, or correction.

Specified Operating Environment

Year 2000 Ready

This IBM product, when used in accordance with its associated documentation, is capable of correctly processing, providing and/or receiving date data within and between the twentieth and twenty-first centuries, provided that all products (for example, hardware, software, and firmware) used with this IBM product properly exchange accurate date data with it.

Machine Requirements

IBM VisualAge for Java, Enterprise Edition for OS/390 and its generated object code can be executed on any IBM processor supported by OS/390 Version 2 Release 4 or above.

Storage Requirements

Approximately 200 cylinders of DASD are required for the installation of the IBM VisualAge for Java, Enterprise Edition for OS/390 product and SMP/E data sets. Consult the appropriate *Program Directory* for detailed installation requirements.

Programming Requirements

Required Licensed Programs

The run-time library and the high performance compiler of the IBM VisualAge for Java, Enterprise Edition for OS/390 licensed program both require the following programming system (later releases are supported unless otherwise indicated):

- ✍ OS/390 Version 2 Release 4 or above (5647-A01)
- ✍ IBM VisualAge for Java, Enterprise Edition for OS/2 and for Windows, Version 2.0 (required for remote binding, remote running, and debugging of Java applications on OS/390 and trace analysis)
- ✍ NFS Client for Windows NT (required when using the IBM VisualAge for Java, Enterprise Edition for OS/2 and for Windows, Version 2.0 for remote binding, remote running, and debugging of Java applications on OS/390)

SMP/E Version 1 Release 8 (5668-949) is required for installation of IBM VisualAge for Java, Enterprise Edition for OS/390. Consult the appropriate *Program Directory* for detailed PTF requirements.

Optional Licensed Programs

The run-time library and the high performance compiler of the IBM VisualAge for Java, Enterprise Edition for OS/390 licensed program both support the following IBM licensed program (later releases are supported unless otherwise indicated):

IBM CICS Transaction Server for OS/390 Release 3

Licensed Program Materials Availability

Restricted Material: Yes

This licensed program is available with source licensed program materials for some modules designated as RESTRICTED MATERIALS OF IBM. In addition, some modules will be available without source licensed program materials. These modules are available in object code only.

Supplemental Terms

The components and features of this licensed program are to be used only with the development of applications using this licensed program. You may not use any components or features of this licensed program with any other program.

Testing Period

Basic License: Two months.

Distributed Systems License Option (DSLO): Not applicable.

Installation/Location License

Not applicable. A separate license is required for each designated machine on which the licensed program materials will be used except where otherwise provided by IBM.

Usage Restriction

The following functions are still being tested and are provided “AS-IS” with no warranties (express or implied) whatsoever, including but not limited to any implied warranties or conditions of merchantability, quality, performance or fitness for any particular purpose:

- ✍ Performance Analyzer interval-sampling trace
- ✍ Debugging of Java bytecode in the Java Virtual Machine on OS/390

Type/Duration of Program Services

Basic License: Central Service, including the IBM Support Center, will be available until discontinued by IBM upon six months written notice.

DSLO License: Not applicable.

Softcopy Publications

Softcopy publications are available in Portable Document Format (PDF) and Hypertext Markup Language (HTML) formats and are shipped with the product. Consult the appropriate *Program Directory* for details.

The PDF and HTML files are also available as part of the information web that is shipped with the IBM VisualAge for Java, Enterprise Edition for OS/2 and for Windows, Version 2.0 product (program number 5639-F52).

Warranty

This program is warranted as specified in the IBM license.

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