



IBM COBOL for Windows , V7.6 provides a cost-effective compiler and runtime environment for customizing third-party applications on Windows servers

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At a glance

COBOL for Windows®, V7.6 delivers:

- A COBOL compiler for customizing and deploying third-party applications on Microsoft® Windows
- Redistribution of the COBOL runtime libraries with developed COBOL applications at no additional charge

For ordering, contact your IBM® representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: SE001).

Overview

COBOL for Windows, V7.6 offers a more cost-effective alternative for customers of third-party applications requiring COBOL compilers for set-up and customization. COBOL for Windows includes the COBOL compiler, redistributable runtime libraries, and a set of softcopy publications.

Contact your application provider to confirm their certification of the COBOL for Windows compiler.

Key prerequisites

- Intel Pentium III 800 MHz or compatible processor, or greater
- 210 MB of disk space for COBOL compiler, tools and product information
- 256 MB RAM (512 MB or higher is recommended)
- Running on one of the following operating systems:
 - MicrosoftWindows Server 2003 Standard or Enterprise Edition, SP1
 - MicrosoftWindows Server 2008 Standard or Enterprise Edition
 - MicrosoftWindows Server 2008 R2 Standard or Enterprise Edition

Planned availability date

- September 17, 2010: Electronic software delivery
- October 1, 2010: Physical software delivery

Description

COBOL for Windows, V7.6 also includes:

Redistributable runtime libraries

COBOL for Windows runtime libraries can be redistributed with your applications at no additional charge. This reduces both cost and complexity when deploying applications.

Database programming support

COBOL for Windows provides support for both embedded SQL and for ODBC to enable relational database access in COBOL applications.

Object-oriented COBOL support

COBOL for Windows provides object-oriented syntax to facilitate the interoperation of COBOL and Java™ programs based upon the facilities of the Java Native Interface, which is the primary means provided by Java for interoperation with non-Java programs. Object-oriented COBOL syntax is designed to let customers write COBOL code that:

- Creates object instances of classes that are written in Java or COBOL
- Invokes methods on Java or COBOL objects
- Defines classes with methods written in COBOL

XML support

COBOL for Windows allows you to process XML input in your COBOL program by using the XML PARSE statement. The parser delivers an events-based interface so you can parse XML documents and transform them into COBOL data structures.

You can produce XML output from a COBOL for Windows program using the XML GENERATE statement.

Unicode support

Basic runtime support for Unicode in COBOL for Windows handles tens of thousands of characters that cover all commonly used characters and symbols in the world.

COBOL for Windows uses UTF-16 in little-endian format in national data. If you need to process UTF-8 or UTF-16BE data, the compiler offers NATIONAL-OF and DISPLAY-OF intrinsic functions to convert to and from UTF-16LE.

Debugging options

COBOL for Windows offers several language elements, compiler options, and listing outputs that make application debugging easier. Alternatively, COBOL for Windows supports the TEST compiler option, that enables your programs for the interactive debugger facility of IBM Rational Developer for System z®.

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Section 508 of the U.S. Rehabilitation Act

COBOL for Windows, V7.6 is capable as of September 17, 2010, when used in accordance with associated IBM documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested on the following website

http://www.ibm.com/able/product_accessibility/index.html

Product positioning

COBOL for Windows is positioned for use in customizing third-party applications that require COBOL language support.

Program number

Program number	VRM	Program name
5725-B74	V7.6	IBM COBOL for Windows

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

Publications

Shipped with this program is the publication, a *Quick Start Guide*.

The following publications can be ordered from the IBM Publications Center.

Title	Order number
COBOL for Windows Language Reference	SC27-3634-00
COBOL for Windows Programming Guide	SC27-3633-00

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

Technical information

Specified operating environment

Hardware requirements

For COBOL for Windows, V7.6

- Processor: IntelPentium III 800 MHz (minimum) or compatible processor
- 256 MB of memory (512 MB, or higher, recommended)
- Disk space: 210 MB for COBOL compiler, tools, and product information

Software requirements

For application development and deployment, one of the following:

- MicrosoftWindows Server 2003 Standard or Enterprise Edition, SP1
- MicrosoftWindows Server 2008 Standard or Enterprise Edition
- MicrosoftWindows Server 2008 R2 Standard or Enterprise Edition

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Web information

For information regarding COBOL for Windows, visit

<http://www.ibm.com/software/awdtools/cobol>

For information regarding IBM application development, visit

<http://www.ibm.com/software/awdtools/>

Packaging

The COBOL for Windows, V7.6 package contains:

- One CD-ROM containing the COBOL for Windows, V7.6 product
- Quick Start Guide
- Passport Advantage customer letter
- Passport Advantage media pack pointer sheet

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented

for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

COBOL for Windows, V7.6 uses the security and auditability features of the host hardware or software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Ordering information

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product Group: IBM COBOL

Product Identifier Description: IBM COBOL for Windows

PID: 5725-B74

Product Category: COBOL

Charge metric

Program name	Part number or PID number	Charge metric
COBOL for Windows, V7.6	BA0ZSML	Authorized User

This program is licensed and charged based upon the Authorized User charge metric.

Authorized User

Authorized User is a unit of measure by which the program can be licensed. An Authorized User is a unique person who is given access to the program. The program may be installed on any number of computers or servers and each Authorized User may have simultaneous access to any number of instances of the program at one time. Licensee must obtain separate, dedicated entitlements for each Authorized User accessing the program in any manner directly or indirectly (for example: via a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

Note: Some programs may be licensed where devices are considered users. In that case the following applies: Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate User of the program and requires an entitlement as if that device were a person.

Passport Advantage

Program Name/Description	Part number
COBOL for Windows, V7.6 Media Package Multilingual	BA0ZSML
COBOL for Windows Authorized User Lic + SW S&S 12 Mo	D0G7XLL
COBOL for Windows Authorized User Annual SW S&S Rnw1	E0AI0LL
COBOL for Windows Authorized User SW S&S Reinstate 12 Mo	D0G7YLL

Passport Advantage trade up

Below is a list of precursor products for which you must have already acquired a license, in order to be eligible to acquire equivalent licenses using the trade-up part number.

Precursor product	Trade-up product	Trade-up part number
Competitor product	COBOL for Windows	D0G7ZLL

Consult your IBM representative, if you have any questions.

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assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

License Information form number

L-MHET-886TD7

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

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IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Program technical support

Technical support of a program product version or release will be available for a minimum of three years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support (Software Maintenance) also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

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If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

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Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

<http://www.ibm.com/software/passportadvantage>

Usage restriction

Yes. For additional information, refer to the License Information document that is available on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Software Subscription and Support (Software Maintenance) applies

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IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable.

Prices

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<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller>

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Corrections

(Corrected on April 19, 2011)

The Title, At a glance, Overview, and Product positioning sections are revised.