



IBM Enterprise COBOL Developer Trial for z/OS , V5.1 delivers an evaluation edition of the Enterprise COBOL for z/OS compiler

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At a glance

IBM® Enterprise COBOL Developer Trial for z/OS® , V5.1, an evaluation edition of Enterprise COBOL for z/OS , is no charge and does not initiate a Single Version Charging (SVC) period.

Enterprise COBOL Developer Trial lets you assess the value that could be gained from migrating to Enterprise COBOL for z/OS , V5.1, before making a formal, upgrade decision. This trial enables the evaluation of the latest IBM COBOL capabilities, in a nonproduction environment, without the prerequisite time and resources commitments required for a full, production migration project.

Overview

Enterprise COBOL Developer Trial for z/OS , V5.1 can be used to evaluate, in non-production environments, the value that could be gained from migrating to the Enterprise COBOL for z/OS , V5.1 compiler. You can evaluate the latest compiler prior to committing additional time and resources to a full, production migration project to Enterprise COBOL for z/OS , V5.1 .

Enterprise COBOL Developer Trial for z/OS contains the full set of Enterprise COBOL compiler features and functions. This includes the new code generation and optimization technology in Version 5.1 that allows you to maximize the delivery of the z/Architecture® exploitation and performance optimization within your applications. This developer trial is delivered with restricted licensing terms and an expiry date. The Enterprise COBOL Developer Trial is permitted only for use in a non-production environment.

Enterprise COBOL Developer Trial for z/OS , V5.1 is available from IBM through ShopzSeries as a standard offering. In countries where Shopz is not available, contact your IBM representative (or IBM Business Partner) to handle your order by using the traditional IBM ordering process.

For information on the functional capabilities of Enterprise COBOL for z/OS , V5.1, refer to Software Announcement [213-144](#), dated April 23, 2013.

For ordering, contact your IBM representative or an IBM Business Partner. For more information contact the Americas Call Centers at 800-IBM-CALL (426-2255). Reference: LE001

Key prerequisites

- z/OS V1.13 (5694-A01), or later
- z/OS V2.1 (5650-ZOS), or later

For additional details, refer to the [Software requirements](#) section.

Planned availability date

October 4, 2013

Description

With Enterprise COBOL Developer Trial for z/OS , V5.1 you can evaluate the latest capabilities of IBM COBOL, in a non-production environment, before committing time and resources to a production migration project. This developer trial is released so you can assess the value of moving to this new compiler, prior to making a decision to formally adopt it.

Enterprise COBOL Developer Trial for z/OS comes with a no-charge evaluation license. Ordering, installing, and using Enterprise COBOL Developer Trial in a non-production environment does not initiate any SVC period.

Enterprise COBOL Developer Trial is a fully functional release that can be used to conduct Proof of Technology evaluations that cover the full set of Enterprise COBOL for z/OS , V5.1 capabilities.

Enterprise COBOL Developer Trial for z/OS is permitted to be used only for internal evaluation, testing, or demonstration purposes, and is not for productive purposes. Use of the trial compiler to develop production applications is not allowed. The license provides for a 90-day trial period.

Enterprise COBOL Developer Trial for z/OS is provided without formal program support. IBM may enable inquiries to be submitted via normal service channels using the Enterprise COBOL Developer Trial product ID and your customer number. If IBM accepts and/or responds to such inquiries, it is provided without warranties or conditions of any kind, as further described in the program's evaluation license agreement.

Enterprise COBOL for z/OS , V5.1, was made available on June 21, 2013, delivering new code generation and optimization technology which allows you to maximize the delivery of the z/Architecture exploitation and performance optimization within your applications. For information on the functional capabilities of Enterprise COBOL for z/OS , V5.1, refer to Software Announcement [213-144](#), dated April 23, 2013.

Program number

Program number	VRM	Program name
5655-TRY	5.1.0	Enterprise COBOL Developer Trial for z/OS
5655-BUY	1.1.0	Enterprise COBOL Developer Trial for z/OS S&S

Product identification number

Program PID number	Subscription and Support PID number
5655-TRY	5655-BUY

Offering Information

Product information is available via the Offering Information website

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

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM , you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=213-301>

Publications

Information Centers and publications

Links to PDF and xhtml versions of the Enterprise COBOL for z/OS , V5.1 documentation are now available online, at

<http://www-01.ibm.com/support/docview.wss?uid=swg27036733>

The IBM Publications Center provides a worldwide central repository for IBM product publications and marketing material. It has a catalog of 70,000 items and offers extensive search facilities. Payment options for orders are via credit card (in the US) 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.

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

Simply search for the form number, then select **download**. If preferred, a CD-ROM of the required Information Center can be ordered from the Publications Center.

Printed publications

In addition to the softcopy information in the Information Center, the following documentation is provided on a CD-ROM with the product.

Title	Form number
License Agreement/License Information	GC19-4124
Program Directory	GI10-8965

Technical information

Specified operating environment

Hardware requirements

Enterprise COBOL for z/OS Developer Trial, V5.1 will run on the following IBM System z® servers:

- zEnterprise® EC12 or zEnterprise BC12
- zEnterprise 196 or zEnterprise 114
- z10™ Enterprise Class or z10 Business Class
- z9® Enterprise Class or z9 Business Class
- zSeries® z990
- zSeries z890

Software requirements

Enterprise COBOL Developer Trial for z/OS , V5.1 runs under the control of, or in conjunction with, the currently supported releases of the following programs and their subsequent releases or their equivalents. For more information on the following programs listed that require program temporary fixes (PTFs), refer to the *Program Directory* and the preventive service planning (PSP) bucket.

z/OS V1.13 (5694-A01), or later

z/OS V2.1 (5650-ZOS), or later

Optional licensed programs

Depending on the functions used, one or more of the following programs may be required:

- CICS® Transaction Server for z/OS , V5 (5655-Y04)
- CICS Transaction Server for z/OS , V4 (5655-S97)
- CICS Transaction Server for z/OS , V3 (5655-M15)
- DB2® 10 for z/OS (5605-DB2)
- DB2 10 for z/OS Value Unit Edition (5697-P31)
- DB2 V9 for z/OS (5635-DB2)
- DB2 V9 for z/OS Value Unit Edition (5697-P12)
- DFSORT element of z/OS (5694-A01)
- High Level Assembler/MVS and VM and VSE (5696-234)
- IMS™ V13 (5635-A04)
- IMS V12 (5635-A03)
- IMS V11 (5635-A02)
- IBM 31-bit SDK for z/OS , Java™ Technology Edition, V7.0 (5655-W43)
- IBM 31-bit SDK for z/OS , Java Technology Edition, V6.0 (5655-R31)
- IBM 31-bit SDK for z/OS , Java 2 Technology Edition, V5.0 (5655-N98)
- Debug Tool for z/OS , V12.1 (5655-W70)
- Fault Analyzer for z/OS V12.1 (5655-W69)
- File Manager for z/OS V12.1 (5655-W68)
- Application Performance Analyzer for z/OS V12.1 (5655-W71)
- Rational® Developer for System z , V9 (5724-T07)
- COBOL Report Writer Release 1.4 or later (5798-DYR, 5798-DZX)
- Enterprise COBOL for z/OS , V4 (5655-S71)
- Enterprise COBOL for z/OS and OS/390® , V3 (5655-G53)
- Enterprise PL/I for z/OS , V4 (5655-W67)
- Enterprise PL/I for z/OS , V3 (5655-H31)
- For XL C/C++ with Enterprise COBOL -- You must use the XL C/C++ feature of z/OS V1.13 (5694-A01), or later
- VS FORTRAN V2 (5668-806, 5688-087)

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.

Compatibility

Enterprise COBOL for z/OS Developer Trial V5 provides a high level of source compatibility, object compatibility, and runtime compatibility with earlier versions of IBM COBOL.

Enterprise COBOL Developer Trial V5 is source compatible with prior versions of IBM COBOL, in that the compiler will compile correct COBOL source programs that were developed using Enterprise COBOL Version 4 or earlier, with the exception of obsolete functions that have been removed and the addition of new reserved words. The removed functions include obsolete COBOL language syntax and obsolete compiler options. Complete details on removed obsolete functions are documented in the *Enterprise COBOL for z/OS Version 5 Migration Guide*. IBM does not expect that many applications will be affected by the removed functions, which in practice are no longer heavily used. To assist in migration, a new compiler option FLAGMIG will be added to Enterprise COBOL V4.2 via the service stream. This option provides warning diagnostics to flag use of obsolete syntax and options in existing COBOL programs.

Enterprise COBOL Developer Trial V5 is object compatible with earlier versions of IBM COBOL, in that applications can be constructed using a mixture of object modules compiled with Version 5 and those compiled with prior versions. Both static calls (calls within a link-edited module) and dynamic calls (calls between programs link-edited as separate modules) can be used. The following are exceptions:

- Interoperation with object modules compiled with OS/VS COBOL (5740-CB1) is no longer supported.
- Interoperation with object modules compiled with VS COBOL II (5688-958) is limited to programs compiled with the RES compiler option. Interoperation with VS COBOL II programs compiled with the NORES option is no longer supported.

Enterprise COBOL Developer Trial V5 will interoperate with correctly written assembler language programs, with the exception that assembler programs link-edited with Version 5 compiled programs now must be AMODE(31) or AMODE(ANY). Static calls between Enterprise COBOL Developer Trial V5 compiled programs and programs with the AMODE(24) attribute are no longer supported.

Enterprise COBOL Developer Trial V5 is run time compatible with prior versions of IBM COBOL in that correct COBOL programs will continue to produce the same run time results after being recompiled with Version 5. A small number of exception cases are documented in the *Enterprise COBOL for z/OS Version 5 Migration Guide*.

Planning information

Web information

For information regarding Enterprise COBOL for z/OS , visit

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

For information regarding IBM application development, visit

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

Packaging

For information on the functional capabilities of Enterprise COBOL for z/OS , V5.1, refer to Software Announcement [213-144](#), dated April 23, 2013.

Security, auditability, and control

The announced program uses the security and auditability features of the host operating system 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

Basic license

To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Program name: Enterprise COBOL Developer Trial for z/OS, v5
Program PID: 5655-TRY

Entitlement identifier	Description	License option/Pricing metric
S0179TM	Ent COBOL Dev Trial, v5	No Charge, Unlimited installs
Orderable supply ID	Language	Distribution medium
S0179TP	English	3590 Tape

Subscription and Support PID: 5655-BUY

Entitlement identifier	Description	License option/Pricing metric
S0179TT	Ent COBOL Dev Trial S&S v1	No Charge, Unlimited Installs, SW S&S Registration
Orderable supply ID	Language	Distribution medium
S0179TS	English	Hardcopy publication

Charge metric

Program name	PID number	Charge metric
Enterprise COBOL Developer Trial for z/OS, v5	5655-TRY	No charge, Unlimited installs
Enterprise COBOL Developer Trial for z/OS S&S v1	5655-BUY	No charge

Ordering z/OS through the Internet ShopzSeries provides an easy way to plan and order your z/OS ServerPac or CBPDO. It will analyze your current installation, determine the correct product migration, and present your new configuration based on z/OS . Additional products can also be added to your order (including determination of whether all product requisites are satisfied).

*To simplify the ordering process for Enterprise COBOL Developer Trial for z/OS , V5.1, the 'evaluation' order option in ShopzSeries should **not** be selected.*

ShopzSeries is available in the US and several countries in Europe. In countries where ShopzSeries is not available yet, contact your IBM representative (or IBM Business Partner) to handle your order via the traditional IBM ordering process. For more details and availability, visit the ShopzSeries website at

<http://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International License Agreement for Evaluation of Programs.

Licensing

IBM International License Agreement for Evaluation of Programs, including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

Enterprise COBOL Developer Trial for z/OS , V5.1 is licensed under the IBM International License Agreement for Evaluation of Programs (ILAE). It is a no charge product and program support is not provided.

License Information form number

Enterprise COBOL Developer Trial for z/OS , V5.1

License: L-JYIP-97HKRC

Publication number: GC19-4124

Limited warranty applies

Yes

Money-back guarantee

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.

For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Volume orders (IVO)

No

Passport Advantage® applies

No

Usage restriction

Yes

Software Subscription and Support applies

No. For operating system software, the revised IBM Operational Support Services - SoftwareXcel offering will provide support for those operating systems and associated products that are not available with the Software Subscription and Support (Software Maintenance) offering.

This will ensure total support coverage for your enterprise needs, including IBM and selected non-IBM products. For complete lists of products supported under both the current and revised offering, visit

<http://www.ibm.com/services/sl/products>

System i® Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Yes. A 15% education allowance applies to qualified education institution customers.

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered destroyed or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

Prices

For additional information and current prices, contact your local IBM representative.

Information on charges is available at

<http://www.ibm.com/support>

Program name: Enterprise COBOL Developer Trial for z/OS
Program PID: 5655-TRY

Enterprise COBOL Developer Trial for z/OS (5655-TRY) is a no charge product.

Subscription and Support PID: 5655-BUY

Enterprise COBOL Developer Trial for z/OS S&S (5655-BUY) is a no charge product.

Order now

To order, contact the Americas Call Centers or your local IBM representative, or your IBM Business Partner.

To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968).

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<http://www.ibm.com/planetwide/us/>

Corrections

(Corrected on August 1, 2013)

The Software requirements section is revised.