



# Licensed Program Specifications

## IBM Rational COBOL Runtime for zSeries Version 7 Release 0 Modification 0 Program Number 5655-R29

IBM<sup>1</sup> Rational COBOL Runtime for zSeries V7.0.0 is a licensed program that provides the runtime libraries for generated COBOL programs developed with Enterprise Generation Language in IBM Rational Business Developer V7.0.0. These libraries provide support for communication and common subroutines, such as data conversion and error management, that are shared by all Enterprise Generation Language programs.

IBM Rational COBOL Runtime for zSeries includes the components needed to prepare generated Enterprise Generation Language COBOL programs to run on z/OS. IBM Rational COBOL Runtime for zSeries includes libraries that contain the copybooks and load modules for preparing generated programs for the run-time environment, and a run-time library that implements installation-specified error handling, transaction control, and other functions shared among generated COBOL programs.

IBM Rational COBOL runtime for zSeries also includes libraries that contain the procedures and utilities for preparing generated VisualAge Generator V4.5 programs for z/OS, and a run-time library that implements installation-specified error handling, transaction control, and other functions shared among the VisualAge Generator programs.

## Specified Operating Environment

### Machine Requirements

The basic requirement is for a processor that supports the prerequisite operating system and has sufficient processor storage to meet the requirements of the operating system, IBM Rational COBOL Runtime for zSeries V7.0.0, the application programs, and all other software being run. IBM Rational COBOL Runtime for zSeries V7.0.0 will run on any hardware

configuration supported by the licensed programs specified below in the Software Requirements.

### Software Requirements

The following are the software requirements for Rational COBOL Runtime for zSeries V7.0.0:

#### Prerequisites

- One of the following environments, including batch functions with the appropriate prerequisites:
  - z/OS V1.6 (5694-A01) or later, with the following base elements:
    - Binder (Link-Editor)
    - High Level Assembler
    - Interactive System Productivity Facility (ISPF)
    - IBM Language Environment
    - UNIX System Services
    - Hierarchical File System (HFS)
    - IP Services component of IBM Communications Server
    - IBM HTTP Server (if using the VAGen or EGL Java Wrapper Support)
  - SMP/E V3.1. This version is available as 5655-G44 or as an element in z/OS (5694-A01).

#### Corequisites

- For compiling generated COBOL programs, one of the following:
  - IBM COBOL for OS/390 and VM V2.1, or later (5648-A25). This is the minimum requirement. Use of this product does not enable Unicode support for generated COBOL programs used with IBM Rational COBOL Runtime.
  - Enterprise COBOL for z/OS V3.1, or later (5655-G53). Use of this product enables the

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Unicode support for generated COBOL programs used with IBM Rational COBOL Runtime.

- DB2 UDB. One of the following must be installed on the host in order to use DB2 Database access on z/OS:
  - DB2 for OS/390 and z/OS V7 (5675-DB2).
  - DB2 for z/OS V8 (5625-DB2).
- IBM/ESA. IMS/ESA V7.1, or later (5655-B01) must be installed on the host to support applications using IMS database and data communications.
- WebSphere MQ. WebSphere MQ for z/OS V5.3.1, or later (5655-F10) must be installed on the host to support message queueing with generated applications.
- CICS Transaction Server. One of the following must be installed to support applications generated for execution under CICS:
  - IBM CICS Transaction Server for OS/390 V1.3 (5655-147).
  - IBM CICS Transaction Server for z/OS V2.2 or later (5697-E93). (This requires PTF UQ69442 be installed.)
  - IBM CICS Transaction Server for z/OS V3.1 (5655-M15).
- CICS Transaction Gateway. One of the following should be installed to support applications using the J2EE Connector Architecture (JCA) to invoke CICS Transactions and assuming that a z/OS gateway server is desired:
  - CICS Transaction Gateway V5 (5724-A75).
  - CICS Transaction Gateway V6 (5655-M69).
- IBM SDK for z/OS Java 2 Technology Edition. IBM SDK for z/OS Java 2 Technology Edition, V1.4 (5655-I65) must be installed on the host to support compiling and execution of generated Java applications running under UNIX System Services.
- WebSphere Application Server. One of the following must be installed to support the execution of Web based programs utilizing generated Java or that require a Web Transaction Gateway:
  - WebSphere Application Server V5 (5655-I35).
  - WebSphere Application Server V6 (5655-N01).

#### **Licensed Program Materials Availability**

Restricted Materials: None.

This licensed program is available without source licensed program materials. The program is available in object code only.

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