



Licensed Program Specifications

IBM MQSeries Workflow for OS/390 Version 3 Release 2 Program Number 5655-A96

MQSeries Workflow for OS/390 is a member of the MQSeries® family. It allows S/390® systems to be integrated into an IBM MQSeries Workflow domain. This enables process automation and business process reengineering to be integrated across heterogeneous platforms; extending from the front-office to the mission-critical data and legacy applications on the back-office mainframe.

MQSeries Workflow for OS/390 has the ability to:

- Integrate the S/390® platform into an enterprise-wide process model based on MQSeries Workflow.
- Accept invocation requests from MQSeries Workflow clients and applications running on Windows 95, Windows NT, AIX®, OS/2®, and other platforms that are supported by MQSeries.
- Provide the high-performance run-time database for an MQSeries Workflow system.
- Invoke CICS® legacy applications, using either synchronous EXCI, or asynchronous MQSeries CICS Bridge invocations.
- Invoke IMS legacy applications, using either synchronous CPIC, or asynchronous MQSeries IMS Bridge invocations.
- Write new CICS, IMS, or batch type applications using Application Programming Interfaces (APIs) which are available for the COBOL, C, C++, and Java programming languages. These applications can accept requests from MQSeries Workflow clients.
- Write program mapping rules that translate the data format and representation. This allows legacy applications to be invoked without having to modify them.
- Start, stop, and monitor servers and MQSeries Workflow systems.

Specified Operating Environment

Machine Requirements

MQSeries Workflow for OS/390 requires the following hardware:

- For Runtime server environment: a computer capable of running the OS/390 operating system.
- For Buildtime: a personal computer with Intel-based processor architecture.

Programming Requirements

MQSeries Workflow for OS/390 runs under the control of, or in conjunction with, the following IBM licensed programs and their subsequent releases unless otherwise announced by IBM.

Required Licensed Programs

The following licensed programs are required for MQSeries Workflow for OS/390:

For Runtime server environment:

- System Modification Program/Extended (SMP/E) Release 2.6 (5647-A01)
- OS/390 Version 2 Release 6 (5647-A01)
- IBM MQSeries for OS/390 Version 2 Release 1 (5655-A95), or IBM MQSeries for OS/390 Version 2 Release 1 with Client Attachment Feature (CAF) (5655-A95)
- IBM DB2 for OS/390 Version 5 Release 1 (5655-DB2)

To use CICS with RACF security, RACF Version 2 Release 6 is required.

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To use non-transactional EXCI, CICS Transaction Server for OS/390 Version 1 Release 2 (5655-147), or CICS/ESA Version 4 Release 1 (5655-018) is required with the CICS interregion communication program DFHIRP.

To use transactional EXCI, CICS Transaction Server for OS/390 Version 1 Release 3 (5655-147) is required with the CICS interregion communication program D FHIRP.

To use the CPIC, IMS/ESA Version 5 Release 1 (5695-176) is required. To run IMS programs as safe applications, IMS/ESA Version 6 Release 1 (5695-158) is required.

To program using the MQSeries Workflow for OS/390 Application Programming Interfaces (APIs), IBM COBOL for OS/390 & VM Version 2 Release 1 (5648-A25), or IBM C/C++ for OS/390 Version 2 Release 6 (5647-A01) is required.

To program using the MQSeries Workflow for OS/390 Java-API, Visual Age for Java Enterprise edition for OS/390 Version 2 (5655-JAV) is required, which includes Java Development Kit Version 1.1.6.

To use MQSeries Workflow client function on workstations, MQSeries Workflow Version 3.2.1 is required.

Licensed Program Materials Availability

Restricted Materials-No.

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

Supplemental Terms

Designated Machine Identification

Designated Machine Identification required: No.

Testing Period

- Basic License: Two months.
- DSLO License: Not applicable.

Installation/Location License

Not applicable. A separate license is required for each designated machine on which the licensed program material will be used.

Usage Restriction

After initial installation MQSeries Workflow for OS/390 is fully enabled. User access keys are not required to use the product.

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Additional Supplemental Terms

Variable Charges: Apply: No.

Distributed Feature: Apply: No.

Entry End User/370 Attachment: Applies: Yes.

Terms and Conditions applicable to Basic licenses also apply to entry support license and license to use respectively.

Type/Duration of Program services: Central Service, including the IBM Support Center, will be available until discontinued by IBM with a minimum of six months written notice.

Warranty

This program is warranted as specified in the IBM license.

Licensed Program Specifications may be updated from time to time and such updates may constitute a change in specifications.

Following the discontinuance of all program services, this program will be provided "As is" as specified in the IBM license.



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