

Provides Ready Access to Critical Information About Your MQ Subsystems

About MXI Generation II

Rocket MXI Generation II for z/OS (MXI G2) provides systems programmers ready access to critical information about the active z/OS system. MXI offers a fast and easy-to-use ISPF interface along with a REXX API and batch reporting capability.

Introducing the MQ Plug-In

The new MXI MQ Plug-In provides you with a set of commands that slot seamlessly into the existing MXI command set and integrate fully with the MXI base product. The new MXI MQ Plug-In commands can:

- Display known MQ subsystems with the version and status information
- Display MQ subsystem statistics and configuration information
- Display MQ active thread statistics and activity information
- Display information about MQ storage classes, pagesets, namelists, and queues
- Display details about MQ buffer pools, channels, and channel status
- Issue MQ commands easily to the required subsystem without knowing the command prefix

```
File PlugIn MQ
MXI--MQ--RS40-----HOME-----CPU 38 UIC 2540 PAG 0----->-Row 00001 of 00006
Command ==> _____ Scroll ==> PAGE
Name =*_____
Cmd Name NameX Status Version ProdID QSG SSCT ERLY SCOM
-----
CSQ1 C3E2D8F1 Inactive 6.0.0 5655-L82-00 QSG2 00C54E1C 10A14F78 00000000
CSQ2 C3E2D8F2 Inactive 6.0.0 5655-L82-00 QSG2 00C54E40 10A14A20 00000000
CSQ3 C3E2D8F3 Active 6.0.0 5655-L82-00 QSG2 00C54E64 10A144C8 0EB29000
CSQ4 C3E2D8F4 Active 6.0.0 5655-L82-00 QSG2 00C54E88 10A141F0 0EB14000
CSQ5 C3E2D8F5 Inactive 6.0.0 5655-L82-00 QSG2 00C54EAC 10A14020 00000000
CSQ6 C3E2D8F6 Inactive 6.0.0 5655-L82-00 QSG2 00C54ED0 10A124A0 00000000
ASID 006F (TWLAURA) DB2 (M8A1) MQ (CSQ1) CICS (CICSA) 2006/09/20 11.31.55
```

Displaying MQ Subsystem Information (Version and Status)

The MXI MQ Plug-In provides you with easy access to a wide range of information about your MQ subsystems. The new 'MQ' command returns details including MQ subsystem version, product ID, queue sharing group, control block addresses, command prefix, and MQ subsystem status.

Displaying MQ Active Thread Information

The new 'MQDA' command puts information about MQ thread statistics at your fingertips by providing details such the number of requests, message counts, thread type, user ID, authorization ID, plan names, thread status, and much more.

```
File PlugIn MQ
MXI--MQDA-RS40-----HOME-----CPU 13 UIC 2540 PAG 0----->-Row 00001 of 00016
Command ==> _____ Scroll ==> PAGE
Jobname =*_____
MQ CSQ3
Cmd Jobname Type Status Requests CPUtime #Get #Pu
-----
CSQ3CHIN MQ-Chin Create 806 00.0446 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 56 00.0014 6
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 1 00.0000 0
CSQ3CHIN MQ-Chin Create 3 00.0000 0
ASID 006F (TWLAURA) DB2 (M8A1) MQ (CSQ1) CICS (CICSA) 2006/09/20 11.37.36
```

Issuing MQ Commands

The new “%” command (alias, MQOP) enables you to issue MQ system commands for the current default MQ subsystem and see the results in a scrollable display.

Commands Introduced with the MQ Plug-In

The following commands are introduced by the MQ Plug-In:

- **MQ** List MQ subsystems
- **MQBP** Bufferpool Information
- **MQC** Channels
- **MQCS** Channel status
- **MQDA** Active threads
- **MQNL** Name lists
- **MQOP** Issue MQ commands
- **MQPS** Pagesets
- **MQQ** Queues
- **MQQM** Queue Manager
- **MQSC** Storage classes
- **MQST** System statistics

```

File  PlugIn  MQ
-----
MXI--MQQ--RS40-----HOME-----CPU 38 UIC 2540 PAG 0-----Row 00001 of 00057
Command ==> _____ Scroll ==> PAGE
Queue  =SYSTEM.ADMIN.CONFIG.EVENT      Type =LOCAL
MQ      CSQ3
-----
Field                               Value
Queue Name                           SYSTEM.ADMIN.CONFIG.EVENT
Queue Type                             Local
Object Disposition                     Qmgr
Storage Class                          DEFAULT
Get Enabled                            Yes
Put Enabled                             Yes
Usage                                   Normal
Current Queue Depth                    20
Input Handles                           0
Output Handles                          0
Last Put Datestamp
Last Get Datestamp
Maximum Queue Depth                    99999999
Maximum Message Length                 4194304
Message Delivery Sequence              Priority
Default Priority                         0
ASID 006F (TWLAURA) DB2 (M8A1) MQ (CSQ3) CICS (CICSA) 2006/09/20 11.45.15
  
```

Also included is the “%” command (alias, MQOP) that enables you to issue MQ commands directly to the subsystem—it works in a similar fashion to the “/” command supplied as part of the MXI Base Product.

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