MQSCX

MQSCX – Extended MQSC

MQSCX is a powerful and flexible scripting tool, extending the capabilities of IBM MQ's MQSC, and improving the usability of interactive MQSC.

For every task there's the correct tool for the job. Sometimes you want a graphical interface; sometimes you need a command line tool. When scripting jobs for IBM MQ, using MQSCX can remove the frustrations of using the perhaps too simplistic runmqsc; and open up a whole new range of possibilities with its powerful control language constructs.

> *"MQGem is cool. Check out their MQSCX. A wonder tool for MQSC."*

While MQSCX can do the same tasks as runmqsc, that is issue a script with a set of MQSC commands, or issue commands to the queue manager interactively, it can also do so much more.

Not only can an MQSCX command file issue a set of commands, but it can act on the responses. This means that command files can be written which generate reports of your own choosing, formatted how you need them, and combining the answers from various different commands into one single set of output.

You can check naming conventions, perform health checking, or augment the responses from the queue manager. You can inquire on the data collected by MQEV from event, accounting and statistics messages, and combine those in reports along with other IBM MQ commands. The possibilities are endless.

Highlights

- Runs as client or local binding
- Administer all platforms
- Command retrieval
- Auto-completion of commands
- Auto-completion of object names
- Powerful filtering
- CCDT file generation and editing
- Full Undo/Redo support
- Copy and Paste support
- Command synonyms
- Powerful command language
- Multiple QMgrs in a single script
- Simplified Namelist modification
- Multi-column display
- Multiple command entry
- Repeat command capability
- Auto-load commonly functions
- Stop on first error support
- Find string in output
- Improved object separator handling
- Response totals
- Built-in debugger for those complicated scripts!
- Finer security granularity
- Fully configurable appearance
- Faster command performance
- Combine with MQEV

```
MQ Environment : 800GA - mqscx

MQSCX Extended MQSC Program - Version 9.0.0
Licenced to Paul Clarke
Licence Location: Home
Connected to 'NTPGC1'
[11:37:05] dis q(*EVENT*) curdepth
QUEUE(SYSTEM.ADMIN.CHANNEL.EVENT)        TYPE(QLOCAL)        CURDEPTH(0)
QUEUE(SYSTEM.ADMIN.CONFIG.EVENT)         TYPE(QLOCAL)        CURDEPTH(1692)
QUEUE(SYSTEM.ADMIN.EVENT)                TYPE(QLOCAL)        CURDEPTH(0)
QUEUE(SYSTEM.ADMIN.LOGGER.EVENT)         TYPE(QLOCAL)        CURDEPTH(0)
QUEUE(SYSTEM.ADMIN.PERFM.EVENT)          TYPE(QLOCAL)        CURDEPTH(1)
QUEUE(SYSTEM.ADMIN.PUBSUB.EVENT)         TYPE(QLOCAL)        CURDEPTH(0)
QUEUE(SYSTEM.ADMIN.QMGR.EVENT)           TYPE(QLOCAL)        CURDEPTH(1)
QUEUE(USER.EVENT.INPUT)                  TYPE(QLOCAL)        CURDEPTH(193)
QUEUE(USER.EVENT.OUTPUT)                 TYPE(QLOCAL)        CURDEPTH(47)
Total display responses - Received:160 Matched:9
NTPGC1>
```

MQSCX can be run on a variety of platforms and can administer all versions of IBM MQ which are in

support and which provide PCF and remote MQSC interfaces. In particular this includes the z/OS platform.

Interactive Mode

When used as an interactive command issuing tool, MQSCX provides command recall on all platforms, even across a restart of the program. Tab auto-complete saves you having to remember how to spell all the commands, attributes and keywords, and even saves you typing in the full object name

You can set up synonyms for commands you use regularly, so that they can be issued by pressing a single key or key combination.

> *"MQSCX looks pretty cool. Color!!! I could get used to a colorful MQ world!!!"*

MQSCX improves the look of your display output and the use of screen real-estate, by automatically choosing an appropriate number of columns to display the responses in, and also removing the separating lines when appropriate – you can also configure these things to your own personal taste.

Command Scripts

MQSCX has a powerful control language, allowing the creation of command scripts that not only issue commands, but can act upon the response. Anything from a simple for loop that can act on each response returned from the queue manager for a DISPLAY

command, to fully reusable sections of code created as functions.

Functions are a great way to deliver commonly used command scripting for use by everyone in your organisation. MQSCX can also automatically load all those regularly used functions for you, in its bootstrap file.

For more information

To learn more about how MQSCX - Extended MQSC for IBM MQ can help you manage and script for your IBM MQ queue managers, contact us by email on support@mqgem.com, or visit:

www.mqgem.com/mqscx.html

Try it out for free with a no-obligation, one month trial licence. Email support@mqgem.com for yours.

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