



# Quick Reference Card IBM MQ V9.2

## Reading Notes

- titles in grey are hyperlinks to original documentation on the web
- keywords between [ ] are optional and can be omitted
- MQSC: indicates a runmqsc command, which can be executed while in `runmqsc [QmgrName]` or as one line command using:  
`echo command | runmqsc [QmgrName]`  
 on Unix platforms add double quotes:  
`echo "command" | runmqsc [QmgrName]`

### What's new in IBM MQ V9.2

## Display

### MQ installed, which version

`dspmqr` (pre V6: `mqver`)

### Display QueueManagers on a machine

`dspmqr`

### Display QueueManager settings

MQSC: `DIS QMGR`

### Display Queues, name and type or ALL attributes [optional]

MQSC: `DIS Q(*) [ALL]`

### Display Queues, specific attribute(s)

MQSC: `DIS Q(*) CURDEPTH`

often used attributes: `CURDEPTH` `IPPROCS` `OPPROCS` `GET` `PUT` `MAXDEPTH` `MAXMSGL`

### Display non empty Queues

MQSC: `DIS Q(*) CURDEPTH WHERE(CURDEPTH GT 0)`

### Display Channels, name and type or ALL attributes [optional]

MQSC: `DIS CHL(*) [ALL]`

### Display Channels, specific attribute(s)

MQSC: `DIS CHL(*) CONNAME`

### Display Services, name and type or ALL attributes [optional]

MQSC: `DIS SERVICE(*) [ALL]`

### Display Listener, name and type or ALL attributes [optional]

MQSC: `DIS LSTR(*) [ALL]`

## Display Log Settings (Windows)

`amqmdain reg QmgrName -c display -s Log -v *`

## Display Queue Filenames for Queues

`dspmqls -m QmgrName -t qlocal *`

## Start / Stop

### Starting QueueManager

`strmqm QmgrName`

### Stopping QueueManager

`endmqm QmgrName`

return control after end: `endmqm -w QmgrName`

end immediately: `endmqm -i QmgrName`

if all else fails (use with caution!): `endmqm -p QmgrName`

### Starting Channel

MQSC: `START CHL(ChannelName)`

### Stopping Channel

MQSC: `STOP CHL(ChannelName)`

set inactive: `STOP CHL(ChannelName) mode(quiesce) status(inactive)`

### Starting Service

MQSC: `START SERVICE(ServiceName)`

### Stopping Service

MQSC: `STOP SERVICE(ServiceName)`

### Starting Listener

MQSC: `START LSTR(ListenerName)`

### Stopping Listener

MQSC: `STOP LSTR(ListenerName)`

## Status

### Display Channel status or ALL status information [optional]

MQSC: `DIS CHS(*) [SAVED] [ALL]`

### Display Queue status or ALL status information [optional]

MQSC: `DIS QS(*) [TYPE(HANDLE)] [ALL]`

### Display Service status or ALL status information [optional]

MQSC: `DIS SVSTATUS(*) [SAVED] [ALL]`

### Display Listener status or ALL status information [optional]

MQSC: `DIS LSSTATUS(*) [SAVED] [ALL]`

## MQSC Synonyms

### Command/Verb synonyms

ALTER	ALT
DEFINE	DEF
DELETE	no synonym
DISPLAY	DIS
END	no synonym
PING	no synonym (CHANNEL, QMGR)
REFRESH	REF (CLUSTER, SECURITY)
RESET	no synonym (CHANNEL, CLUSTER, QMGR)
RESOLVE	no synonym (CHANNEL)
RESUME	no synonym (QMGR)
START	STA (CHANNEL, CHINIT, SERVICE, LISTENER)
STOP	no synonym (CHANNEL, CONN, SERVICE, LISTENER)
SUSPEND	no synonym (QMGR)

### Object synonyms

AUTHINFO	no synonym
CHANNEL	CHL
PROCESS	PR
NAMELIST	NL
QUEUE	Q (DISPLAY only)
QALIAS	QA
QLOCAL	QL
QMGR	no synonym
QMODEL	QM
QREMOTE	QR
SERVICE	no synonym
LISTENER	LSTR
SUB	no synonym
TOPIC	no synonym

### Object status synonyms

CHSTATUS	CHS
QSTATUS	QS
SVSTATUS	no synonym
LSSTATUS	no synonym
QMSTATUS	no synonym
SBSTATUS	no synonym
TPSTATUS	TPS
APSTATUS	APS