

# ***MQ Explorer for Power Users***

**An interactive demo**

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# Agenda

- **This is mostly a demonstration presentation**
- **Features of MQ Explorer you might not know**
- **Using MQ Explorer from a standalone Eclipse**
- **Useful Eclipse features**
- **Extending MQ Explorer using SupportPacs**

# MQ Explorer – Out of the Box

- **Base features to allow administration and control of local and remote queue managers**
- **Filters**
- **Sets**
- **Import and Export configurations**
- **Tests**
- **Clusters**

# Basic Eclipse notions

- Eclipse is a Java based tooling environment
- It is extended through a notion of plugins and features.
- Plugins implement specific logic that adds or extends specific functions.
- Features collect one or more plugins into a common collection.
- This talk will use Features to mean both features and plugins

# Extending an Eclipse install

- **Eclipse currently supports three methods of adding features and plugins to an install.**
  - ▶ **Dropins** – a named folder holds sets of features, that can be added or removed
  - ▶ **Links** – a named folder that holds text files that point to other installs or sets of features on the local machine.
  - ▶ **Archive** site – a local or network repository that contains packed features to be copied into the local install.
- **All three will be demonstrated**

# Installing MQ Explorer into Eclipse

- **MQ Explorer is available as an Archive site**
- **This archive site is available in your MQ installation location (Windows and Linux only)**
  - ▶ `+MQ_INSTALL_PATH+\MQExplorer\eclipse\MQExplorerSDK.zip`
- **There is a network location available as well.**
  - ▶ <http://public.dhe.ibm.com/software/integration/wmq/explorer/v75/updates/>
  - ▶ Automatically download and install the most recent level.
- **Any compatible Eclipse install can add MQExplorer function to it.**

# Eclipse Power Features

- Text Editors, Code Editors, File system access
- Many IBM products built on top of Eclipse
- Programming and script development environments
- Ant support – write, test, execute
- Access to change control – CVS, SVN, RTC, GIT, others
- Lots of other features – an expandable Swiss Army knife for the discerning power user

# Expanding MQExplorer

- **MQExplorer is itself Eclipse based**
- **You can write your own extensions, in Java**
- **See Mark Taylor's session for more information**
- **Several SupportPacs available today to add interesting features**



# SupportPac MS0P - Extended Management Plug-ins

- **Formats Event Messages, aggregates them (MQ Acct&Stats)**
- **Capture and display Trace Route messages, Watch channel activity**
- **Remote administration of servers – start/stop qmgrs, other command line functions (distributed, not zOS)**
- **Export MQExplorer table views into CSV files for other processing**
- **Move, Delete, or save MQ Messages into files.**
- **Display message content for many MQ formats**
- **Wizard to connect queue managers together**
- **Topic Tree Viewer**
- **Execute dmpmqcfg locally or remotely**

# SupportPac MSOS – MQSC Script Editor

- Allows the import, display, and execution of MQSC files
- Syntax Colouring
- Syntax Code-Assist
- Execute on any Queue Manager known to MQExplorer
- Platform independent – supports all MQ platforms!
- Smart options for dealing with error conditions in a script file
- Save results of a script execution

# SupportPac MSOU – Grail Software Starter

- Queue Dashboard
- Topic Dashboard
- Queue Depth Explorer – watch depth of queue in action

# Questions & Answers

