

***Capitalware's  
MQ Visual Edit V2  
The Next Generation***

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# MQ Visual Edit V2 Introduction

- MQ Visual Edit allows users to view, manipulate and manage messages in a queue and/or a topic of an IBM MQ queue manager and presents the data in a simplified format similar to a database utility or spreadsheet program.
- MQ Visual Edit is a great tool for application programmers, JMS developers, quality assurance testers, and production support personnel.

# MQ Visual Edit V2 for the Desktop

- Windows 7/8/8.1/10
- Linux (Desktop)
- Mac OS X 10.8 or higher (client mode only)

# MQ Visual Edit V2 Features

- Create, update or delete messages in a queue.
- Open multiple queues from multiple queue managers.
- Support for Publish/Subscribe.
- Create or update messages in a topic.
- Open multiple topics from multiple queue managers.

## MQ Visual Edit V2 Features (2)

- Import/Export messages to/from files.
- Backup/Restore messages & MQMD to/from a file.
- Generate a PDF report from one or more messages.
- Edit a message's MQMD fields and Named Properties.
- Compare a message to a file & highlight differences.

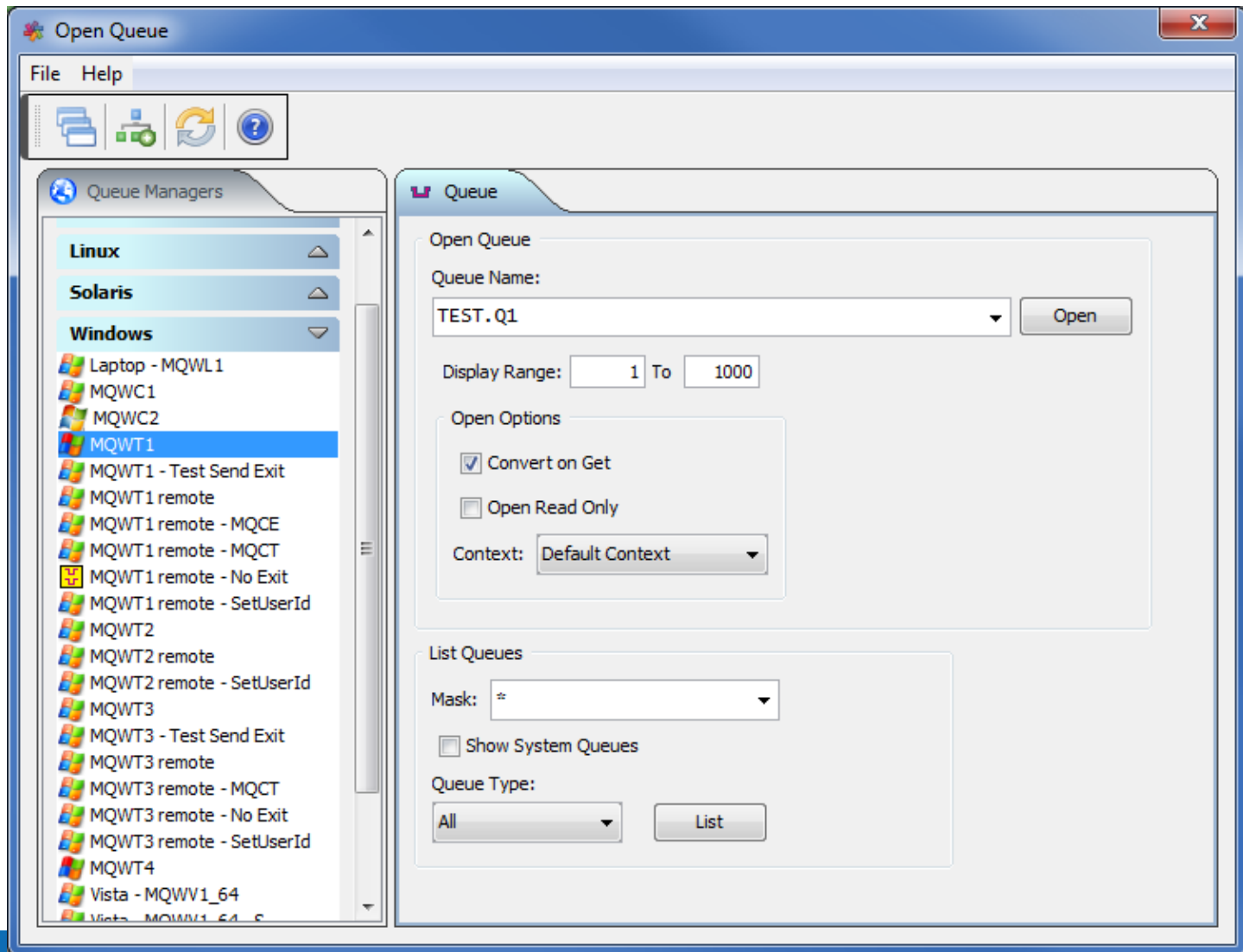
## MQ Visual Edit V2 Features (3)

- Cut, copy & paste between other applications.
- Messages can be edited in Hex Editor & XML Editor
- Supported formats: MQMD, MQRFH, MQRFH2, MQCIH, MQDEAD, MQEVENT, MQIIH, MQXMIT, MQHSAP, SMQBAD, MQDH, MQRMH, MQTM and MQWIH
- Support for 55 languages.

# MQ Visual Edit V2 Features (4)

- 6 Stress Testing Tools
- 4 Monitors for Queues:
  - ◆ Queue Monitor
  - ◆ Queue Statistics Monitor
  - ◆ Queue Status Monitor
  - ◆ Visual Queue Depth
- 2 Pub/Sub Monitors:
  - ◆ Topic Monitor
  - ◆ Subscription Monitor

# MQ Visual Edit V2





# MQ Visual Edit V2

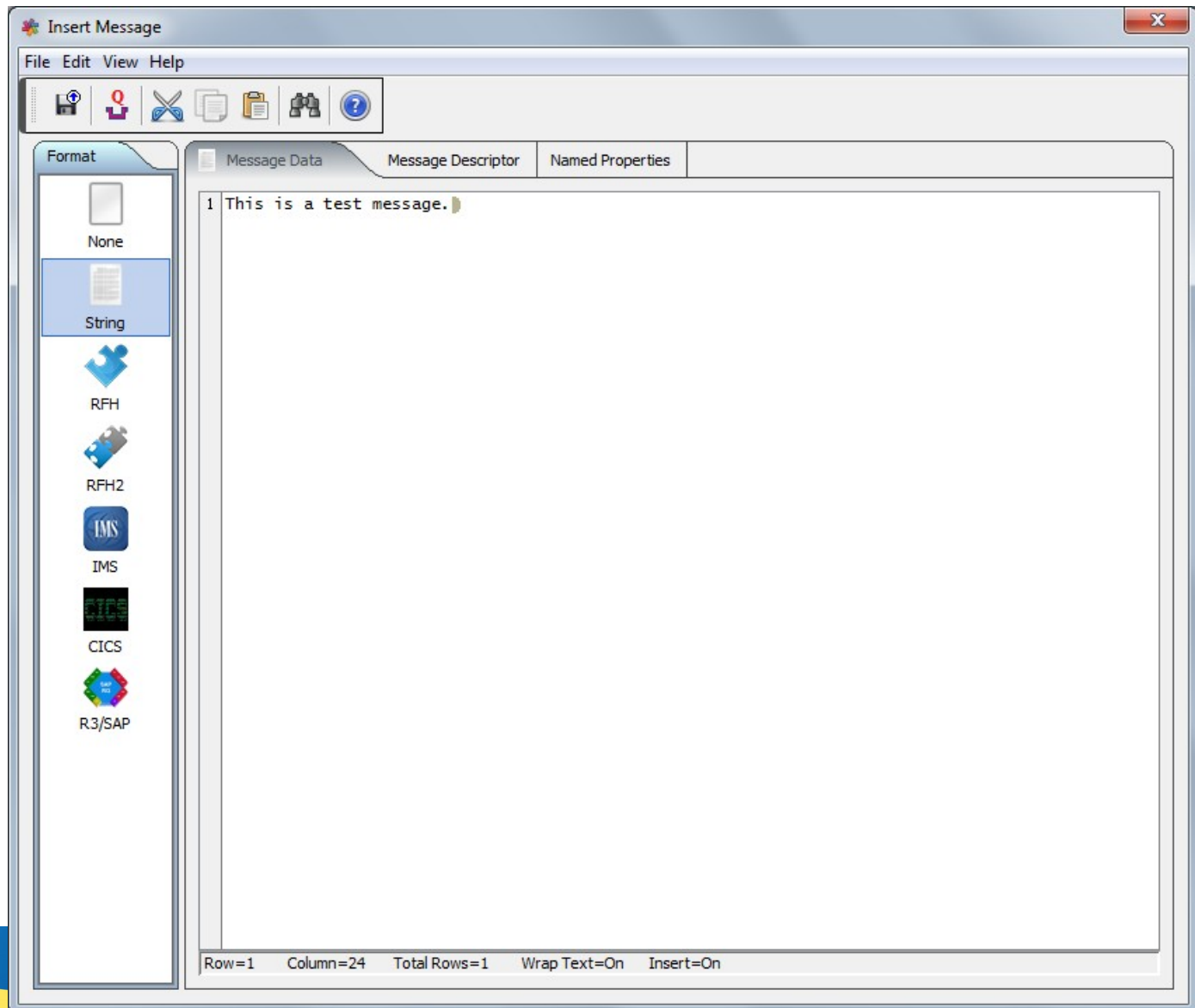
The screenshot displays the MQ Visual Edit V2 application window titled "TEST.Q1 on MQWT1". The interface is divided into several panes:

- Queue Managers:** A tree view on the left showing a hierarchy of queue managers under Linux, Solaris, and Windows. Under Windows, "MQWT1" is selected.
- Message Descriptor:** A pane on the right showing the details of a selected message. It includes fields such as Accounting Token, Application Identity, Backout Count, Coded Character Set, Correlation ID, Data Length, Encoding, Expiry Interval, Feedback Code, Format, Group ID, Logical Sequence Number, Message Flags, Message ID, Message ID in Hex, Message Type, Offset, Original Length, Persistence, Priority, Put-Application Name, and Put-Application Type.
- Queue Status:** A pane at the bottom left showing the status of the selected queue. It includes fields for Current Depth, Maximum Depth, Type, Open Input Count, Open Output Count, Get, and Put.
- Message Content:** The central pane displays the message content, which is "In MQSeries, intercommunication means sending messages from one queue to another queue." The text is shown in two lines, with the second line partially cut off.

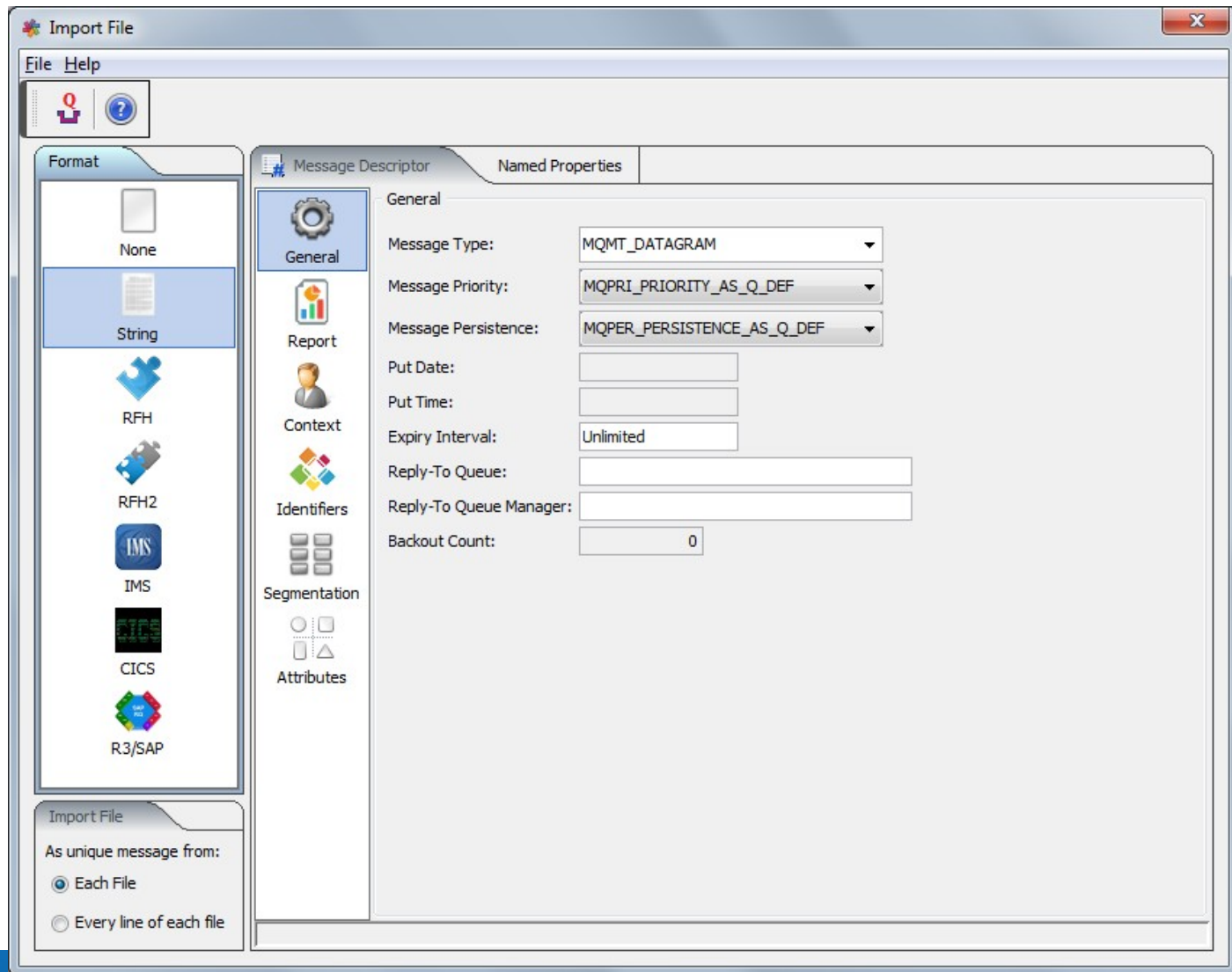
Field	Value
Accounting Token	úæĹ ŒĕĒÁ...
Application Identity...	
Application Origin D...	
Backout Count	0
Coded Character S...	437
Correlation ID	...
Correlation ID in Hex	0000000000000000...
Data Length	489
Encoding	273
Expiry Interval	Unlimited
Feedback Code	0
Format	MQSTR
Group ID	...
Group ID in Hex	0000000000000000...
Logical Sequence N...	1
Message Flags	NONE
Message ID	AMQ MQA1 ĹĹ...
Message ID in Hex	414D51204D51413...
Message Type	Datagram
Offset	0
Original Length	-1
Persistence	Persistent
Priority	0
Put-Application Name	\Capitalware\MQVE...
Put-Application Type	Windows

Field	Value
Current Depth	2
Maximum Depth	50000
Type	Local
Open Input Count	0
Open Output C...	0
Get	Enabled
Put	Enabled

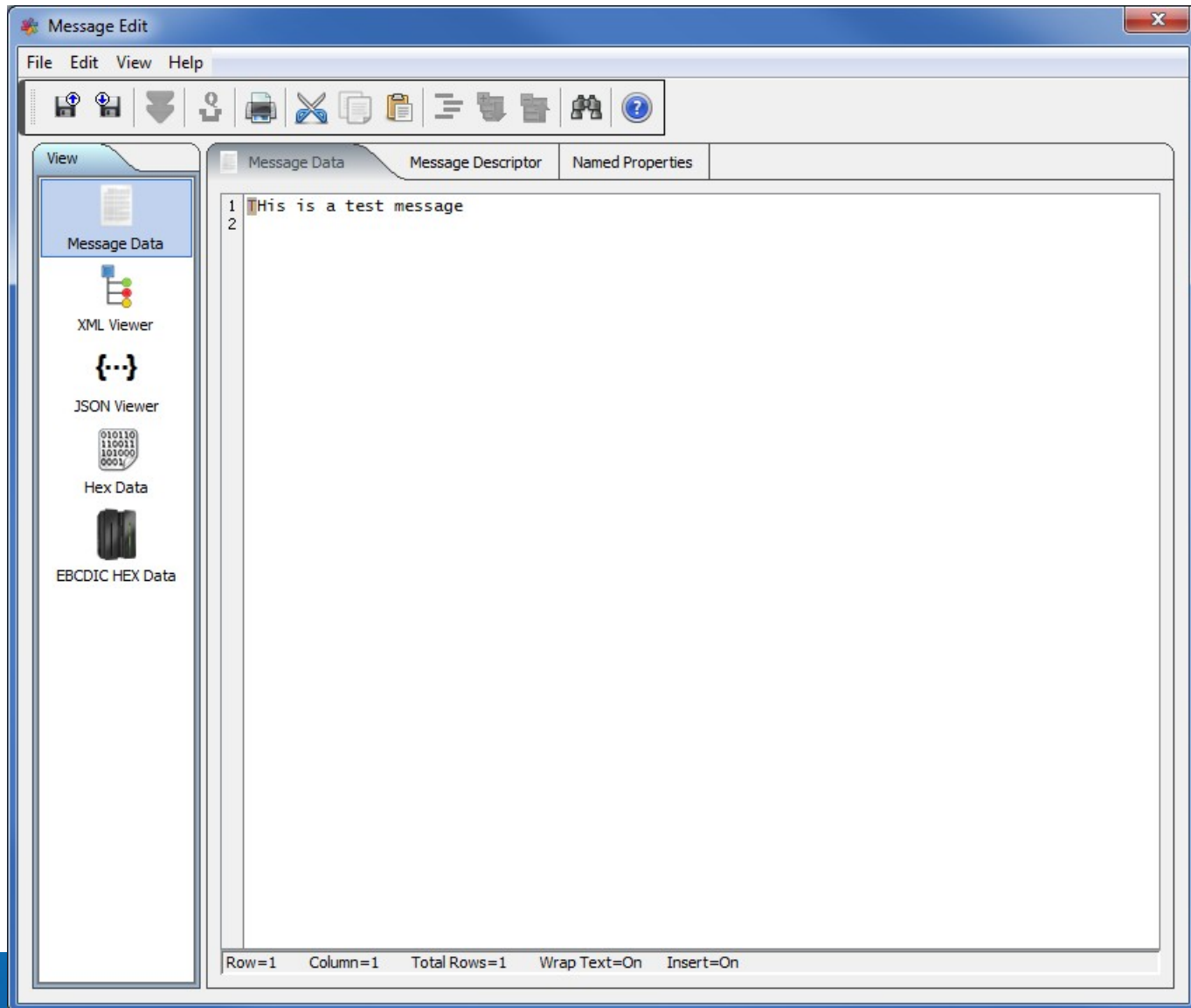
# MQ Visual Edit V2



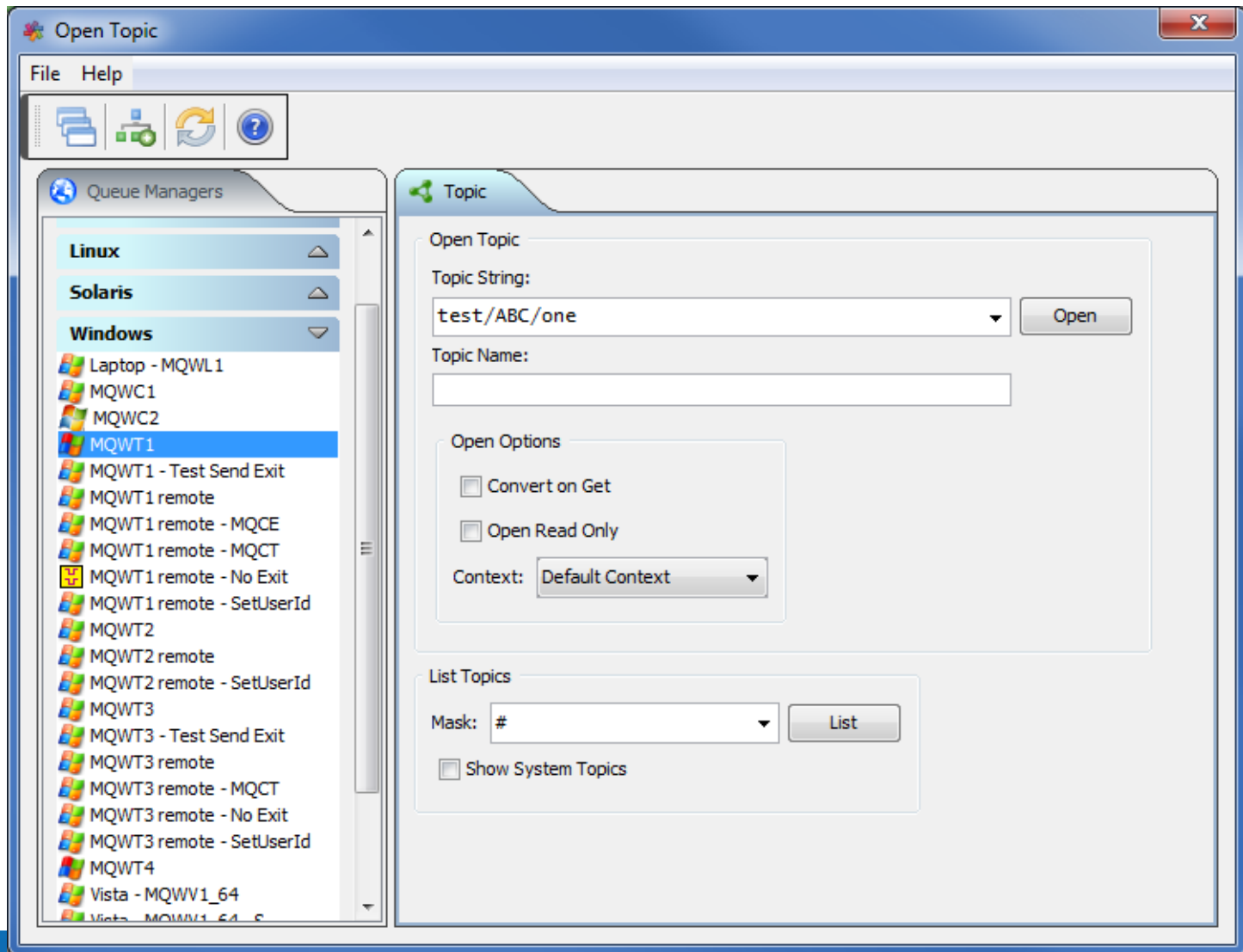
# MQ Visual Edit V2



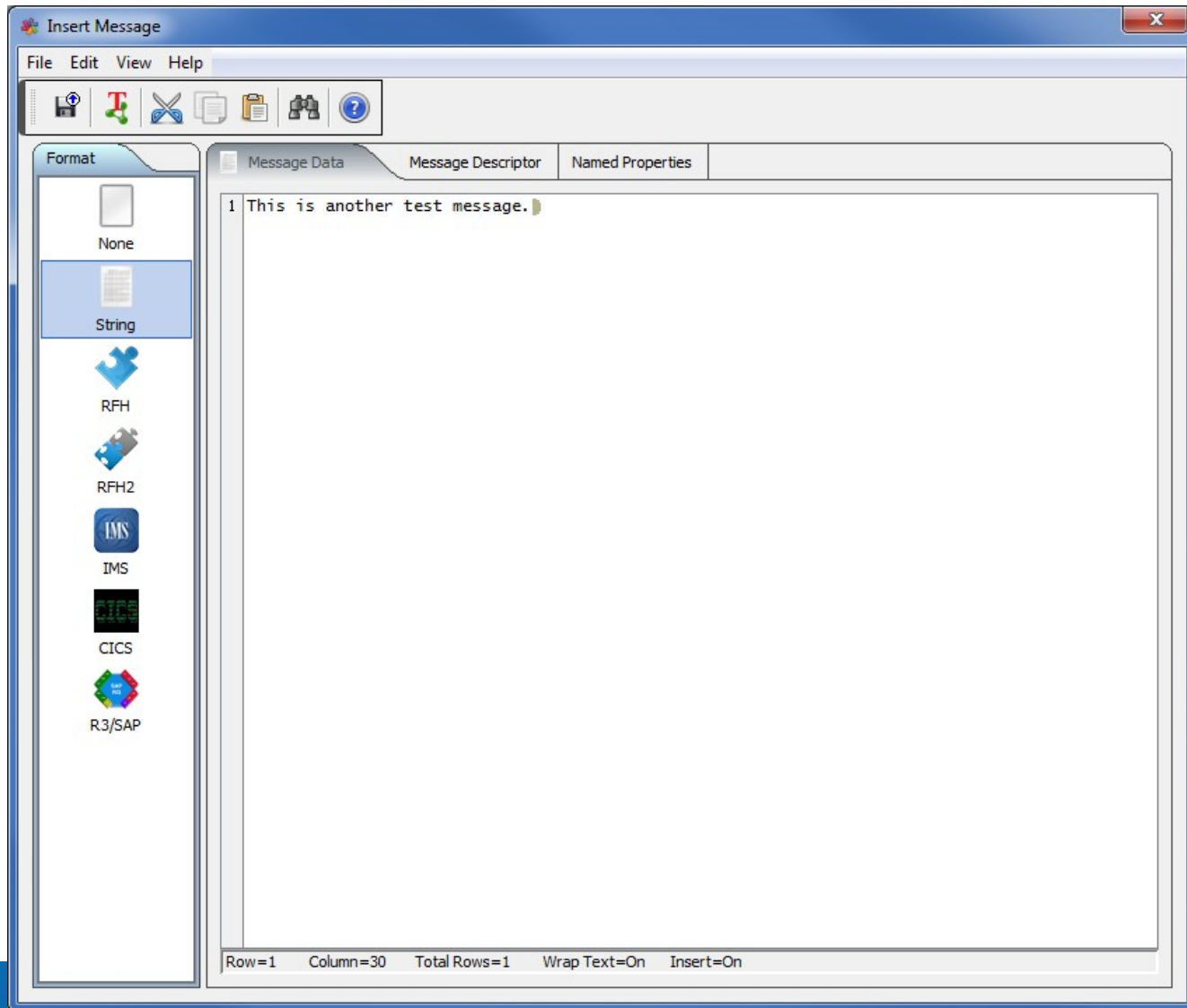
# MQ Visual Edit V2



# MQ Visual Edit V2



# MQ Visual Edit V2



# MQ Visual Edit V2

The screenshot displays the MQ Visual Edit V2 application window. The title bar reads "test/ABC/one on MQWT1". The menu bar includes "File", "Queue", "Topic", "Message", "Properties", "View", "Favorites", "Tools", and "Help". The toolbar contains various icons for file operations and queue management.

The main interface is divided into several panes:

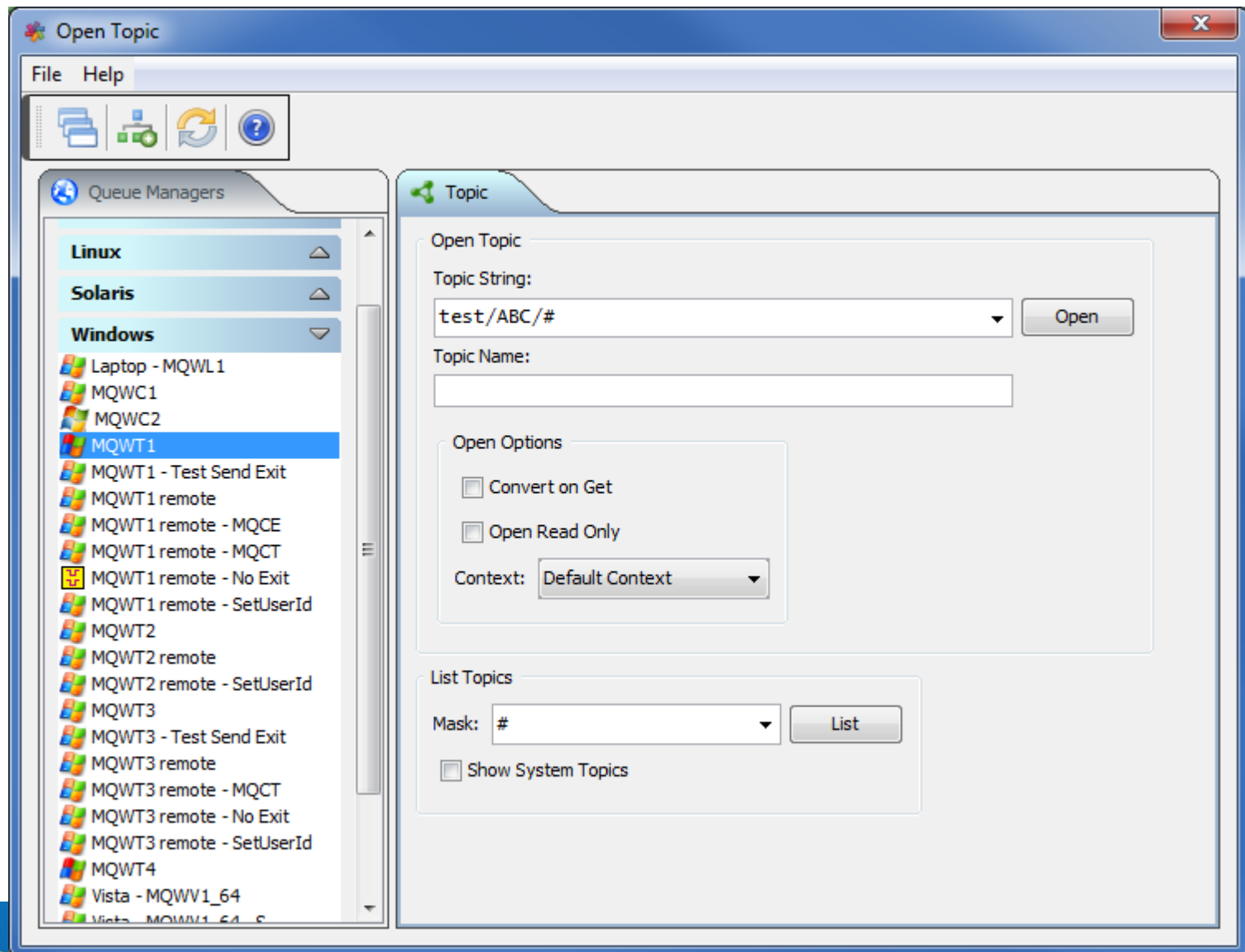
- Queue Managers:** A tree view on the left showing a hierarchy of Linux, Solaris, and Windows systems. Under Windows, "MQWT1" is selected.
- Message List:** The central pane shows a message in the queue "TEST.Q1 / MQWT1". The message content is "This is another test message." and is highlighted in green. The message is identified as "Data 1 - 50".
- Message Descriptor:** A table on the right showing the message's metadata. The table has two columns: "Field" and "Value".
- Status:** A table at the bottom left showing the queue's status.
- Named Properties:** A table at the bottom right for defining message properties.

Field	Value
Accounting Token	
Application Identity...	
Application Origin D...	
Backout Count	
Coded Character S...	
Correlation ID	
Correlation ID in Hex	
Data Length	
Encoding	
Expiry Interval	
Feedback Code	
Format	
Group ID	
Group ID in Hex	
Logical Sequence N...	
Message Flags	
Message ID	
Message ID in Hex	
Message Type	
Offset	
Original Length	
Persistence	
Priority	
Put-Application Name	
Put-Application Type	

Field	Value
Durable	False
Managed	True
Subscribed	True

Name	Value
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# MQ Visual Edit V2





# MQ Visual Edit V2

The screenshot displays the MQ Visual Edit V2 application window titled "test/ABC/# on MQWT1". The interface includes a menu bar (File, Queue, Topic, Message, Properties, View, Favorites, Tools, Help) and a toolbar with various icons. The main window is divided into several panes:

- Queue Managers:** A tree view on the left showing the hierarchy of queue managers. Under "Windows", "MQWT1" is selected.
- Message List:** The central pane displays a list of messages in the queue. The messages are numbered from 158 to 192 and contain the text "This is a test message - A", "B", or "C". The messages are color-coded: A (yellow), B (green), and C (blue).
- Message Descriptor:** A pane on the right showing the properties of the selected message. It includes fields such as Accounting Token, Application Identity, Backout Count, Coded Character S..., Correlation ID, Data Length, Encoding, Expiry Interval, Feedback Code, Format, Group ID, Logical Sequence N..., Message Flags, Message ID, Message ID in Hex, Message Type, Offset, Original Length, Persistence, Priority, Put-Application Name, and Put-Application Type.
- Status:** A pane at the bottom left showing the status of the queue. It includes fields for Durable (False), Managed (True), and Subscribed (True).

Field	Value
Accounting Token	úael ÔèÉÁ...
Application Identity...	
Application Origin D...	
Backout Count	0
Coded Character S...	437
Correlation ID	AMQ MQWT1 úí...
Correlation ID in Hex	414D51204D51575...
Data Length	26
Encoding	273
Expiry Interval	Unlimited
Feedback Code	0
Format	MQSTR
Group ID	...
Group ID in Hex	000000000000000...
Logical Sequence N...	1
Message Flags	NONE
Message ID	AMQ MQWT1 úí...
Message ID in Hex	414D51204D51575...
Message Type	Datagram
Offset	0
Original Length	-1
Persistence	Not Persistent
Priority	0
Put-Application Name	MQWT1 ...
Put-Application Type	Broker

Field	Value
Durable	False
Managed	True
Subscribed	True

# MQ Visual Edit V2

- Demo

# Questions & Answers

