

Capitalware's MQTT Message Viewer

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MQTT Message Viewer Introduction

- MQTT Message Viewer application is an MQTT (MQ Telemetry Transport) client that connects to an MQTT Broker. MQTT is a machine-to-machine (M2M)/Internet of Things (IoT) connectivity protocol. MQTT Message Viewer supports MQTT 3.1 and 3.1.1 protocol versions.
- MQTT Message Viewer allows users to subscribe, publish, edit, copy, delete, forward, backup, restore, import and export messages of a topic of an MQTT Broker. The messages of a topic are presented in a table format similar to a spreadsheet program.
- MQTT Message Viewer is a great tool for IoT (Internet of Things) application programmers, developers, quality assurance testers, and production support personnel. The tool allows for quick problem solving because the data is presented in a very logical and insightful manner.

MQTT Message Viewer for the Desktop

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

MQTT Message Viewer Features

- Open multiple topics from multiple MQTT Brokers.
- Create, update or delete* messages in a topic.
- Ability to discover and display a list of topics.
- Import/Export messages to/from files.
- Backup/Restore messages & properties to/from a file.
- Generate a PDF report from one or more messages.

MQTT Message Viewer Features (2)

- Ability to edit / update the message's property fields.
- Compare a message to a file & highlight differences.
- Cut, copy & paste between other applications.
- Messages can be edited in Hex Editor & XML Editor
- Support for 55 languages.

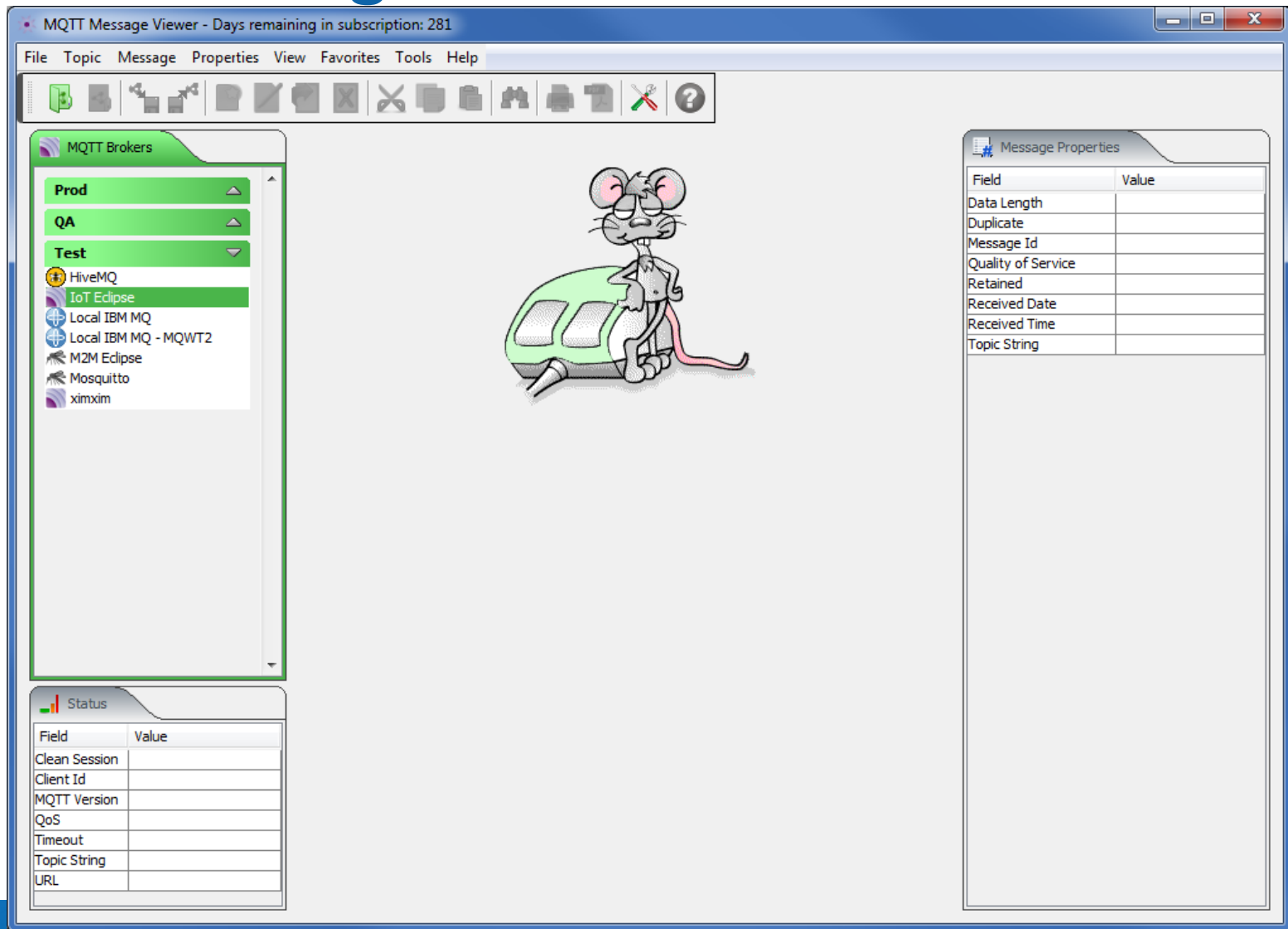
MQTT Message Viewer Features (3)

- 2 Stress Testing Tools
- 1 Monitor for topics:
 - ◆ Broker Status Monitor

MQTT Message Viewer

MQTT Message Viewer - Days remaining in subscription: 281

File Topic Message Properties View Favorites Tools Help



The interface features a central workspace with a cartoon mouse riding a green train. On the left, a 'MQTT Brokers' panel lists various brokers under 'Prod', 'QA', and 'Test' categories. Below it is a 'Status' panel with a table of connection details. On the right, a 'Message Properties' panel displays a table of message attributes.

MQTT Brokers

- Prod
 - QA
 - Test
 - HiveMQ
 - IoT Eclipse
 - Local IBM MQ
 - Local IBM MQ - MQWT2
 - M2M Eclipse
 - Mosquitto
 - ximxim

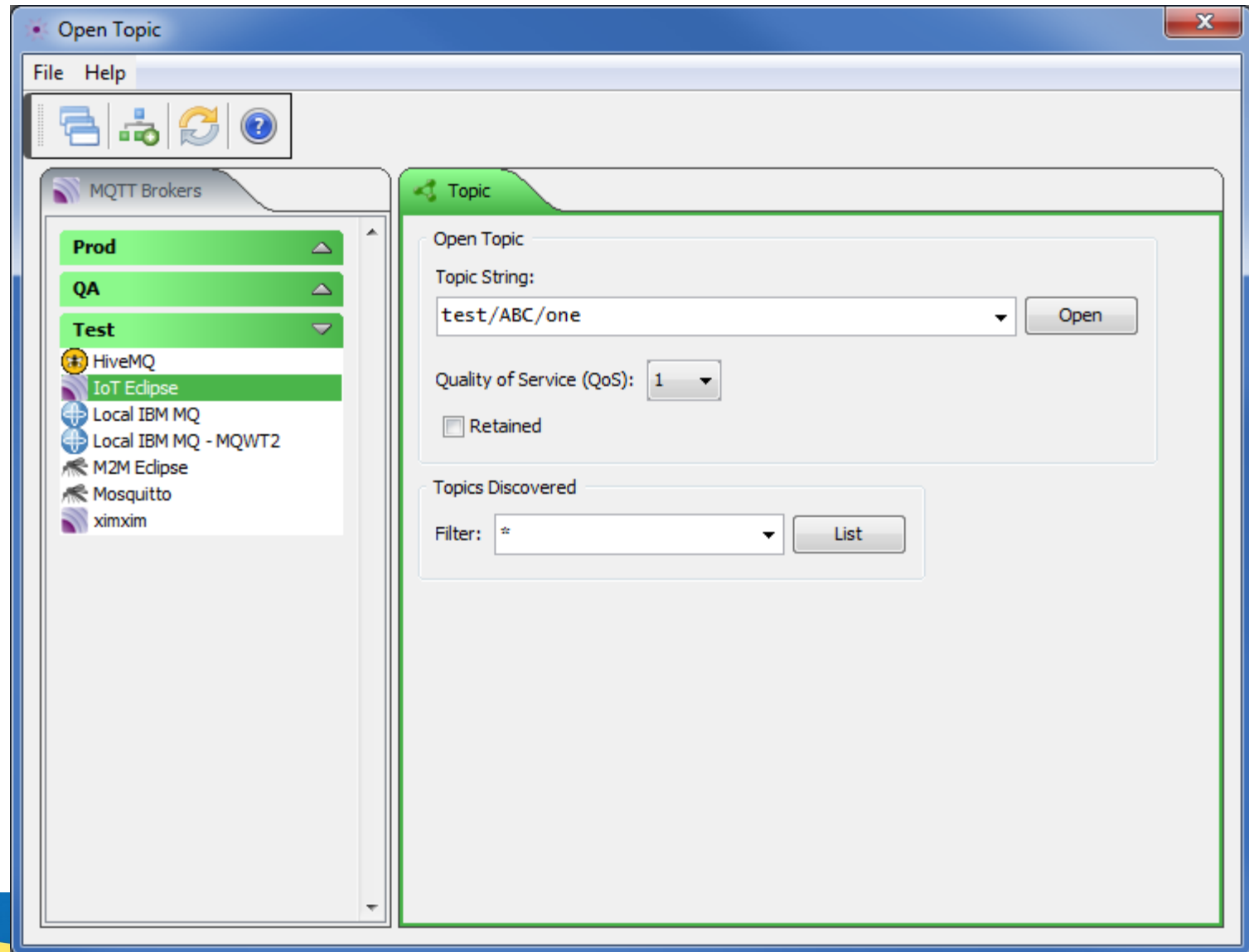
Status

Field	Value
Clean Session	
Client Id	
MQTT Version	
QoS	
Timeout	
Topic String	
URL	

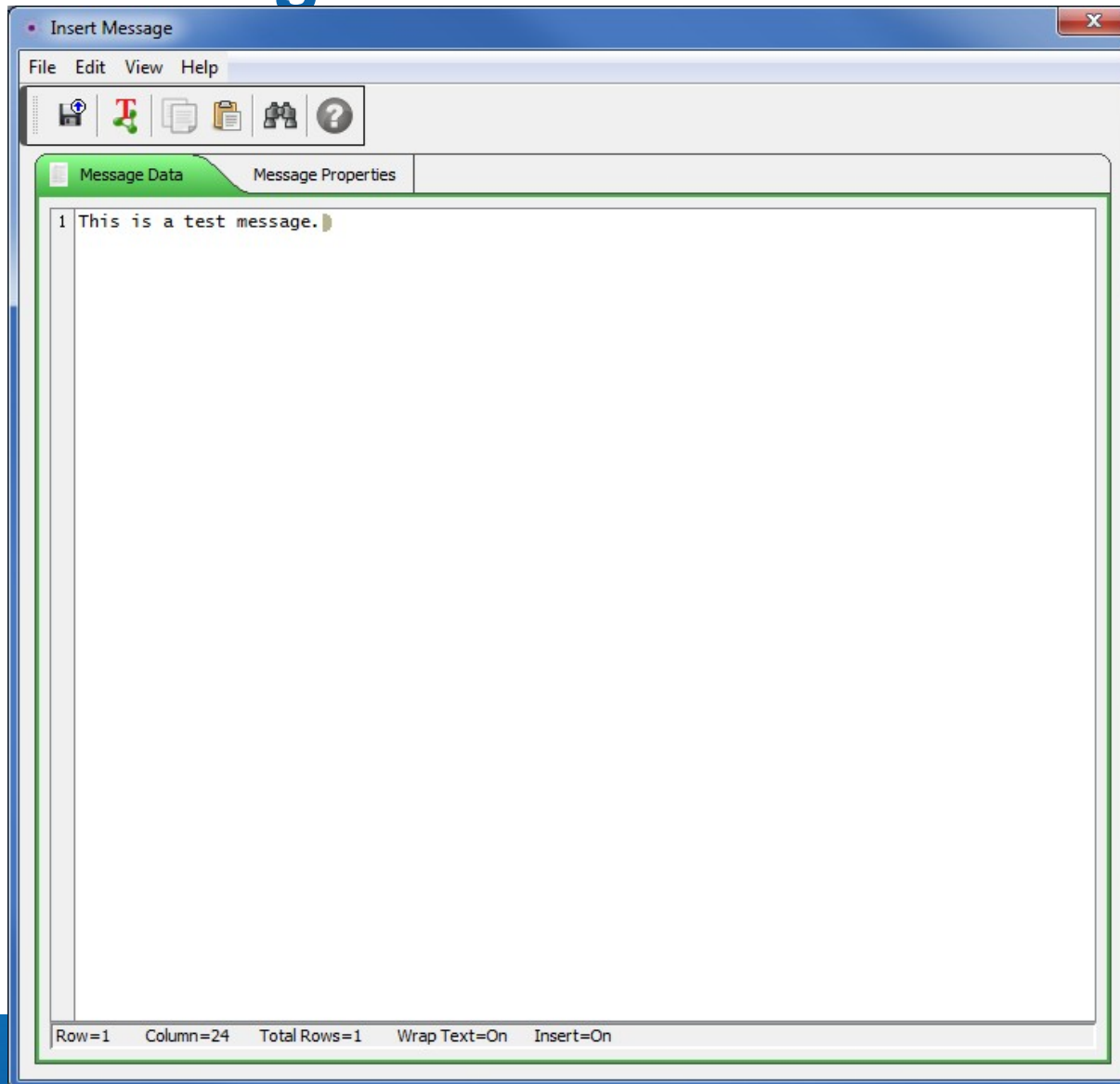
Message Properties

Field	Value
Data Length	
Duplicate	
Message Id	
Quality of Service	
Retained	
Received Date	
Received Time	
Topic String	

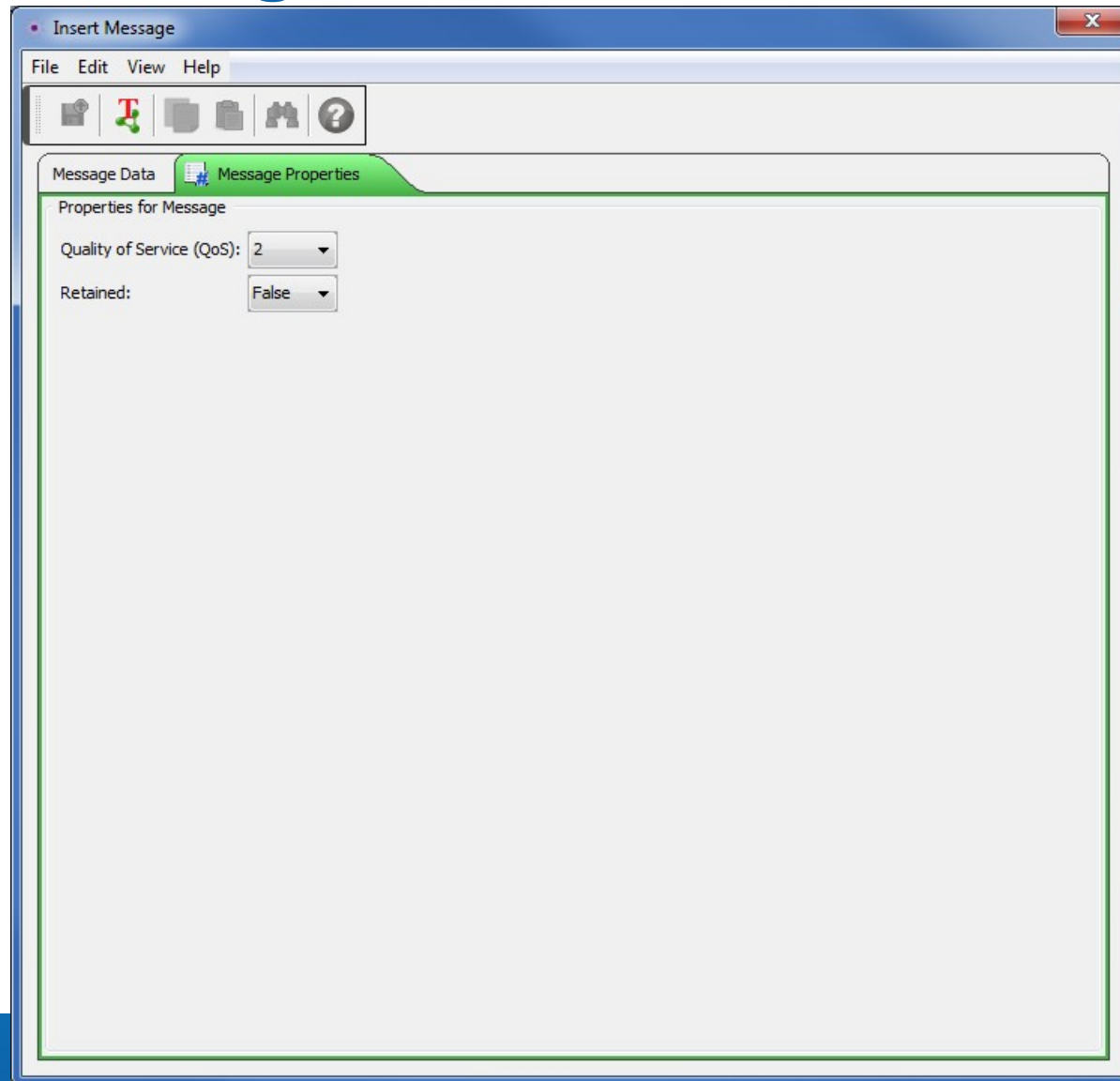
MQTT Message Viewer



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MQTT Message Viewer

The screenshot displays the MQTT Message Viewer application window. The title bar indicates the connection to 'test/ABC/one on IoT Eclipse @ iot.eclipse.org:1883'. The interface includes a menu bar (File, Topic, Message, Properties, View, Favorites, Tools, Help) and a toolbar with various icons for navigation and actions.

On the left, the 'MQTT Brokers' panel lists several brokers, with 'IoT Eclipse' selected. Below it, a 'Status' panel provides connection details:

Field	Value
Clean Session	Yes
Client Id	MTMV_rlacroix_08455
MQTT Version	Default
QoS	1
Timeout	60
Topic String	test/ABC/one
URL	tcp://iot.eclipse.org:1...

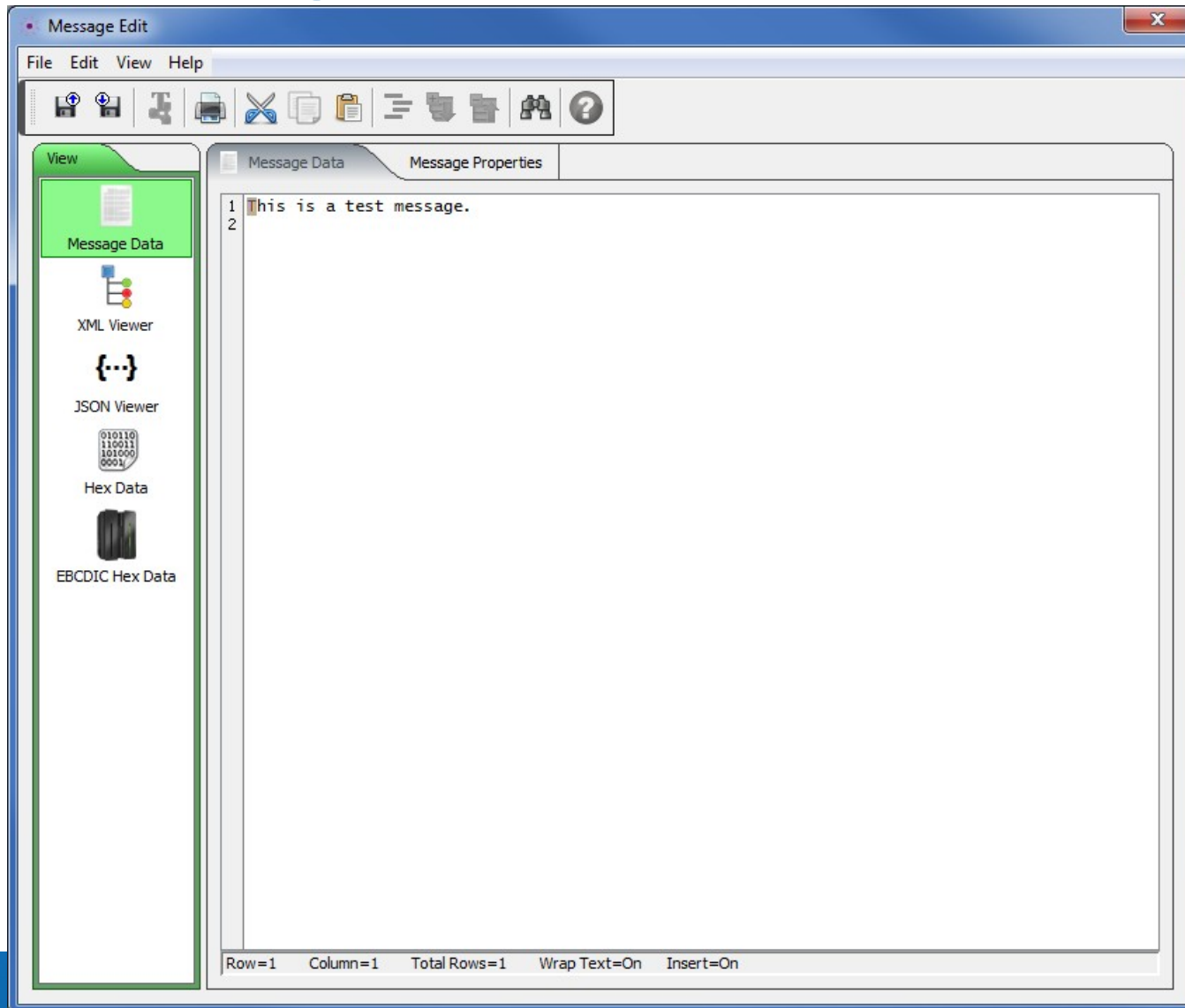
The main message pane shows a single message with the following details:

Index	Message
1	This is a test message.

On the right, the 'Message Properties' panel displays the following information:

Field	Value
Data Length	23
Duplicate	False
Message Id	1
Quality of Service	1
Retained	False
Received Date	2017-09-15
Received Time	18:00:34.428
Topic String	test/ABC/one

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■ Capitalware YouTube Channel:

<https://www.youtube.com/channel/UChFHWkwWC4Vjf2A16Ukbrlg>

MQTT Message Viewer

- Demo

Questions & Answers

