

Does EFT Server integrate with Microsoft Message Queuing (MSMQ)?

THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT, version 6.2 and later, with the Advanced Workflow module

QUESTION

Does EFT integrate with Microsoft Message Queuing (MSMQ)?

ANSWER

The EFT Advanced Workflow module supports message queuing through the MSMQ Action. The MSMQ Action creates, deletes and clears message queues (MQ), and enables sending, retrieving, and waiting for messages. For details of using the MSMQ Action, refer to MSMQ in the online help in the Automate Task Builder for Advanced Workflows.

MSMQ is bundled with most Microsoft Windows operating systems, however, it is not installed by default.

The screenshot shows the 'Action Properties' dialog box for the MSMQ action. The title bar reads 'Action Properties'. The main header area features the 'MSMQ' logo and a description: 'Performs Microsoft Message Queuing (MSMQ) activities such as Create queue, Send message and Retrieve message. MSMQ is a messaging protocol that allows communication in a failsafe manner.' To the right is an icon of a computer with a globe. Below the header is a tabbed interface with 'Properties', 'Description', 'Error Causes', and 'On Error'. The 'Properties' tab is active, showing a 'QUEUE' section. It has two radio buttons: 'Local computer' (selected) and 'Another computer' (unselected). Below 'Another computer' is an empty text field. There is a 'Name:' label followed by an empty text field. Below that are two checkboxes: 'Private' (checked) and 'Transactional' (unchecked). A label 'Create and populate dataset with queue information:' is followed by an empty text field. At the bottom left of the main area is an information icon (i) with the text: 'In a workgroup environment, only private queues are available and queue path needs to be using direct format.' The left sidebar lists 'ACTIVITIES' with a 'QUEUE' section containing 'List queue(s)', 'Create queue' (highlighted), 'Delete queue', 'Purge queue', 'Set permissions', 'Reset permissions', and 'Queue exists'. Below that is a 'MESSAGE' section with 'Send message', 'Retrieve message', 'Wait for message', and 'List message(s)'. At the bottom left is a help icon (?). At the bottom right are 'OK' and 'Cancel' buttons.

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If needed, Globalscape's Professional Services team can design an Event Rule to integrate with your MQ.

MORE INFORMATION

MSMQ is a communications service developed by Microsoft that allows applications to send and receive messages from each other. The advantage of MSMQ is that the receiving application does not have to be running at the time the message is sent. Also, the sending computer or receiving computer does not have to be connected to the network when the message is sent. The sent messages are stored in a queue. Once the receiving application is connected to the network, it then retrieves the messages from the storage queue. Message Queuing provides guaranteed message delivery, efficient routing, security, and priority-based messaging.

MSMQ can be accessed and used by any Windows application, including Windows Forms applications that present graphical user interfaces (GUIs), smart client applications built on top of the Microsoft Office System, server-side applications running within ASP.NET, Windows Services, and others. MSMQ is compatible with IBM's WebSphere MQ for iSeries, using MSMQ - MQSeries Bridge.

GlobalSCAPE Knowledge Base

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