

<whitepaper/>

InterfaceDesign

WHINT® RabbitMQ Adapter (SAP PI/PO)

This JCA Adapter for SAP PI / SAP Process Orchestration (PO) uses the Advanced Message Queuing Protocol (AMQP) to connect to RabbitMQ, a reliable way to establish a properly decoupled application integration using message queues and topics.

Functionality

Seamless integration between SAP PI/PO and RabbitMQ brokers hosted on-premise or in the cloud:

- > Basic Authentication
- > Set Queue/Topic dynamically (Receiver Channels)
- > Correlations
- > Custom Message Properties
- > Content Type
- > JSON<->XML conversion via Adapter Module
- > Supports Adapter Specific Message Attributes (ASMA)/Dynamic Configuration
- > Exactly-Once (EO), Exactly-Once-In-Order (EOIO)
- > Deadletter Queues (Sender Channels)

>Edit Communication Channel | RabbitMQ/rv_rabbitmq_Hand | In Process | Displayed Language English (US)

Parameters		Identifiers		Module	
Adapter Type *	RabbitMQ	http://whint.de/rmq	http://whint.de/rmq	WHINT_RMQ_2017_12_of.whitepaper-id.com	
<input type="radio"/> Sender	<input checked="" type="radio"/> Receiver				
Transport Protocol *	RabbitMQ				
Message Protocol *	AMQP 0-9-1				
Adapter Engine *	Central Adapter Engine				
General					
Adapter Specific Message Properties					
<input checked="" type="checkbox"/> Use Adapter Specific Message Attributes					
<input type="checkbox"/> AMQP Message Queue					
<input type="checkbox"/> AMQP Topic					
<input type="checkbox"/> AMQP Correlation ID					
<input checked="" type="checkbox"/> Specify Custom AMQP Message Attributes (Maximum 10):					
Name	Value				
QueueName	queue03				
VirtualHost	/queue03				
Correlation Settings					
<input type="checkbox"/> Set Message Correlation ID					
Content Type					
Message Content Type	application/xml				
Adapter Status					
Status	Active				

Parameters Identifiers Module

Adapter Type *	RabbitMQ	http://whint.de/rmq	http://whint.de/rmq	WHINT_RMQ_2017_12_of.whitepaper-id.com
<input checked="" type="radio"/> Sender	<input type="radio"/> Receiver			
Transport Protocol *	RabbitMQ			
Message Protocol *	AMQP 0-9-1			
Adapter Engine *	Central Adapter Engine			
General				
Connection Parameters				
Broker Host *	bulldog-01.rmq.cloudamqp.com			
Broker Port *	5672			
Virtual Host *	/temssxoi			
<input type="checkbox"/> Use TLS/SSL endpoint				
Queue/Exchange Name *	its-queue-03			
<input type="checkbox"/> Enable Topic support				
Dead Letter Support				
<input type="checkbox"/> Consume Dead Letter Queue				
Authentication				
User *	temssxoi			
Password *	*****			
Message Consuming				
Consuming Interval (secs) *	20			
Consuming Interval (msecs)				
Processing Parameters				
Quality of Service *	Exactly Once			

Parameters Identifiers Module

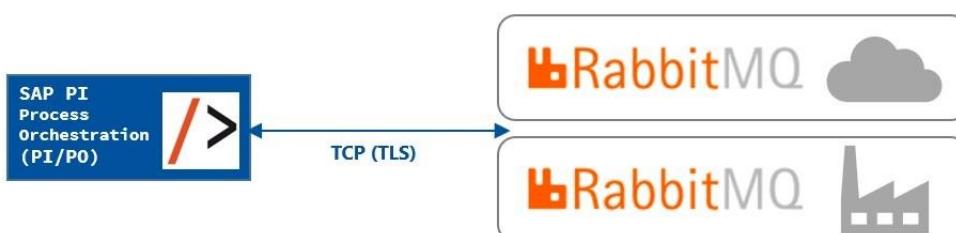
Adapter Type *	RabbitMQ	http://whint.de/rmq	http://whint.de/rmq	WHINT_RMQ_2017_12_of.whitepaper-id.com
<input checked="" type="radio"/> Sender	<input type="radio"/> Receiver			
Transport Protocol *	RabbitMQ			
Message Protocol *	AMQP 0-9-1			
Adapter Engine *	Central Adapter Engine			
General				
Connection Parameters				
Broker Host *	bulldog-01.rmq.cloudamqp.com			
Broker Port *	5672			
Virtual Host *	/temssxoi			
<input checked="" type="checkbox"/> Use TLS/SSL endpoint				
Queue/Exchange Name *	its-direct-05			
<input checked="" type="checkbox"/> Enable Topic support				
Exchange Type	direct			
Routing Key	TRH			
Authentication				
<input checked="" type="checkbox"/> Use Plain authentication				
User *	temssxoi			
Password *	*****			

Documentation

<http://doc.whint.de/whint-rabbitmq-adapter-sap-pi-po>

Pricing

<http://blog.whint.de/whint-solutions/rmq-sap-pro>



WHINT® RabbitMQ Adapter (On-Premise)

Connectivity for SAP PI/PO
to RabbitMQ