

IBM Workload Automation Integration with WebSphere MQ

The WebSphere MQ plug-in for Tivoli Workload Scheduler allows you to define, schedule, and monitor WebSphere MQ message communications.

Mixed processes can be managed, where multiple background workflows synchronise their data in real-time using message queues.

A Tivoli Workload Scheduler WebSphere MQ job can be used to post messages to a request queue and wait for a response in the response queue. It can also publish a message on a topic or on a queue.



Business Scenario

A travel agency needs to reserve a flight, a hotel room, and a rental car.



All reservations must be made before the overall business transaction is complete. Each single reservation consists of linked tasks: availability calendars must be checked before booking, and updated afterwards to reflect the change.

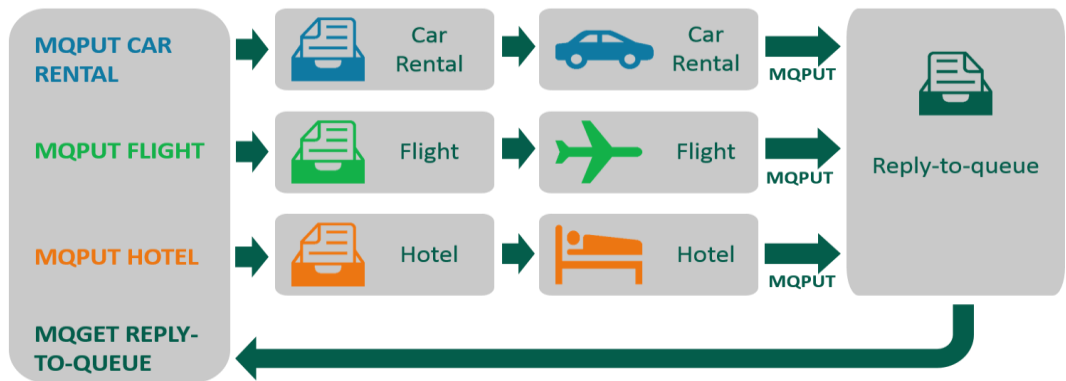


IBM Workload Scheduler integrated with WebSphere MQ automates the business process. Upon receiving WebSphere MQ messages, IBM Workload Scheduler starts the parallel execution of background reservation tasks. Each task, when completed successfully, sends messages back to WebSphere MQ. Once all responses are received by WebSphere MQ, the business process is complete.

IBM Workload Scheduler



May launch MQ processes in the background, and can start additional queues.



What are the business benefits?



Be informed of delays and potential problems



Monitor the start and finish of jobs



Monitor if jobs are running longer or completing earlier than expected



Consult the job log to verify outputs



Event driven workload automation monitors message queues & trigger actions for specific events

