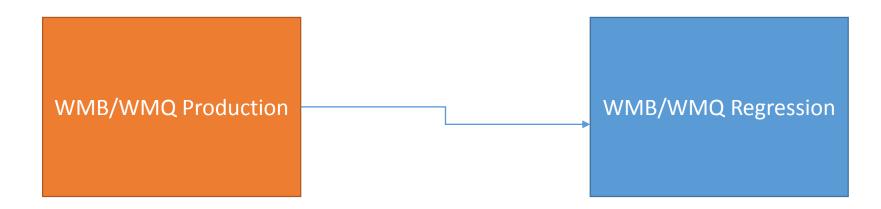
# WMB/IIB Migration Tool

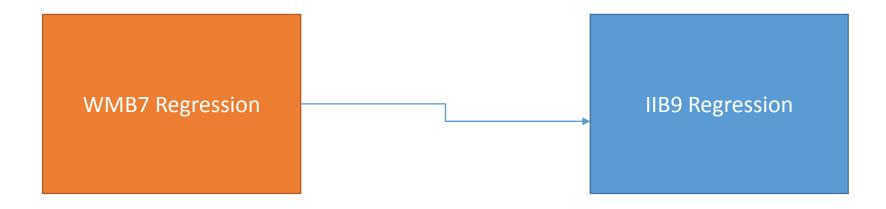
Massive regression tests with production data and no need to involve end systems

#### 1. Backup and restore WMB and WMQ



dumpmqcfg mqsibackupbroker PROD Edit and create only local queues (remove the rest) Mqsirestorebroker PROD

## 2. Migrate the Regression broker

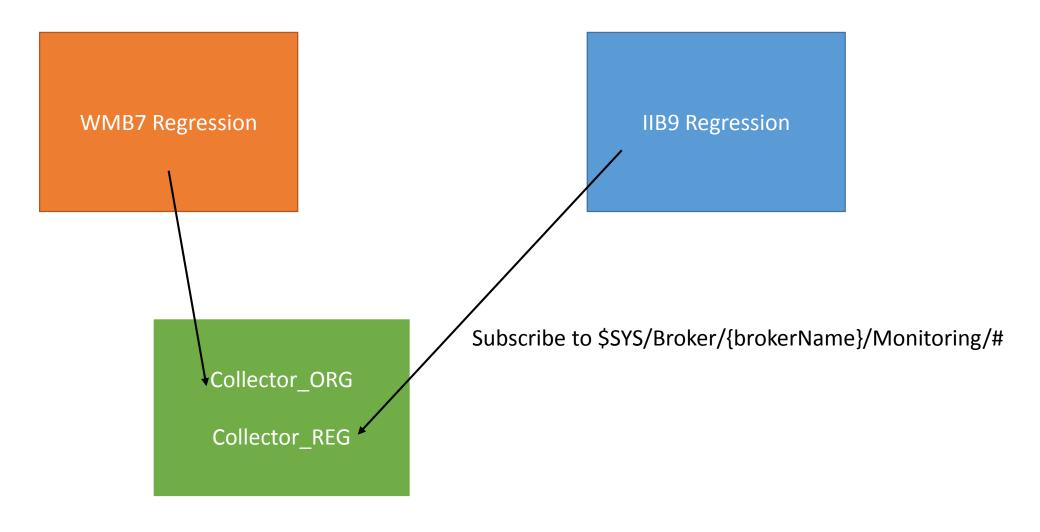


Install IIB mqsimigratecomponents

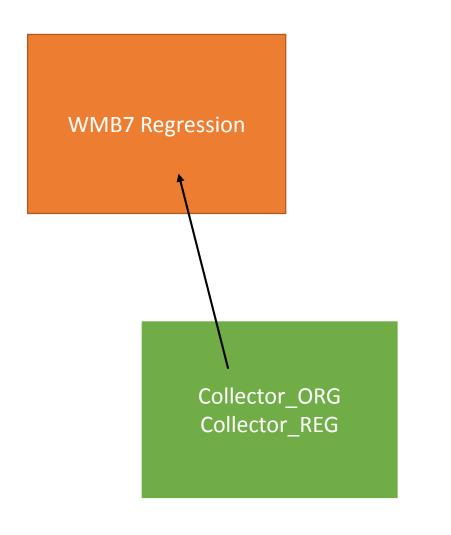
#### 3. Install two instances of mqsieventcollector

Collector\_ORG Collector\_REG

## 4. Create subscriptions on broker events



#### 5. Create event profiles



**IIB9** Regression

Use mqsibrokerutils to create event profiles and configuration scripts

Version 1 configure events for MQInputNodes and MQOutputNodes

#### 5. Run the scripts on the servers

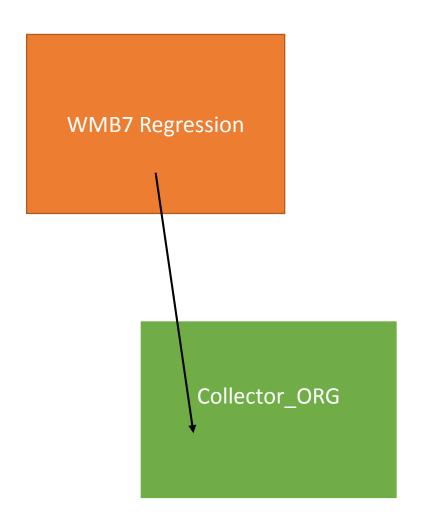
WMB7 Regression

**IIB9** Regression

Must be run on the broker servers using the broker console:

- createMonitoringProfile
- enableMQOutputEvents
- activateFlowEvents

## 6. Collect production data



Events will be saved to:

{MQSI\_Archive}/Original/{brokerName}/{egName}/{msgFlowName}/.rfh {MQSI\_Archive}/Original/{brokerName}/{egName}/{msgFlowName}/.xml

# 7. Save reference test data to test session folder(s)

Collector\_ORG

WMB\_Archive/original

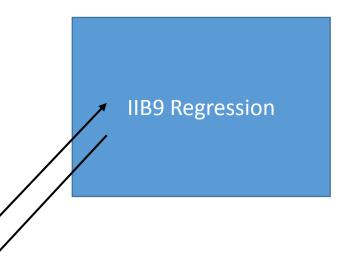
TestSessions/

Copy some events from

{MQSI\_Archive}/Original/{brokerName}/{egName}/{msgFlowName}/.rfh {MQSI\_Archive}/Original/{brokerName}/{egName}/{msgFlowName}/.xml

To {Test\_Sessions}/{testSession/

#### 8. Verify migrated regression broker



Mqsiverify -folder

Collector\_REG

Mqsiverify will resend the input event xml messages from the test session folder(s)

Then it will wait a little while for the regression broker to process and produce events

Then it will verify that original and regression number of events and payload sizes are the same, it should cover at least 90% of all deviations