# Requirements

MQ

The following local queues need to be created on the queue manager which will host the application

* HEALTH.CONFIG – contains the application configuration
* HEALTH.REPORT – contains the current health check result
* HEALTH.TRIGGER – input queue for messages which trigger the health check execution

If you want to use your own queue names please set the corresponding values in the **HealthCheck.properties** file and override the bar file with this property-file (see Deployment).

Application Configuration

The XML configuration needs to be written to the HEALTH.CONFIG queue. This is required before deploying the application since the configuration is loaded immediately after the application start.

Here is an example of the XML configuration provided:

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<Connectors xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xsi:noNamespaceSchemaLocation=*"HealthCheckConfiguration.xsd"*>

<HTTPConnectors>

<HTTPConnector>

<Id>http1</Id>

<RequestURL>http://localhost:8040/test/mock1</RequestURL>

<RequestLine>

<Method>GET</Method>

</RequestLine>

</HTTPConnector>

<HTTPConnector>

<Id>http2</Id>

<RequestURL>http://localhost:8040/test/mock2</RequestURL>

</HTTPConnector>

</HTTPConnectors>

<DbConnectors>

<DbConnector>

<Id>mbvm1</Id>

<ODBCDatasource>MBVM01</ODBCDatasource>

<DBSchema>MBVM01</DBSchema>

<DBTable>MBVM001\_FZB\_MAPPING\_CONFIG</DBTable>

</DbConnector>

<DbConnector>

<Id>mbvm2</Id>

<ODBCDatasource>MBVXAI01</ODBCDatasource>

<DBSchema>CRM</DBSchema>

<DBTable>ABBATCH</DBTable>

</DbConnector>

</DbConnectors>

<MQConnectors>

<MQConnector>

<Id>Q1</Id>

<QueueName>IAP.EAI\_SMPL.U.EJBACT.ERR</QueueName>

</MQConnector>

<MQConnector>

<Id>Q2</Id>

<QueueName>IAP.EAI\_SMPL.U.EJBACT.REQ</QueueName>

</MQConnector>

</MQConnectors>

</Connectors>

# Deployment

1. For the target environment the properties from the file **HealthCheck.properties** must be overridden:

*HTTPHealthReport#HTTPInReport.URLSpecifier* – URL path for the HealthCheck HTTP-Service

*HealthChecker#Trigger.timeoutInterval* – Time interval specifying how often the HealthCheck is triggered

*HealthChecker#ErrorTrace.filePath* – Full path of the error output file

2. For the HealthCheck application a bar file must be created e. g. HealthCheck\_v10.bar

3. The property values have to be applied to the bar file providing the new overridden bar file e. g. HealthCheck\_DEV.bar:

*mqsiapplybaroverride -b HealthCheck\_v10.bar -p HealthCheck.properties*

*-r -o HealthCheck\_DEV.bar*

4. Please deploy the created bar file on the target execution group.