



## **TCIB Retail - Quick Guide**

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# About This Guide

This quick guide describes the requirements that must be met to use TCIB and fulfilling these requirements makes TCIB functional. This guide does not include procedures for TCIB installation and edgeConnect integration.

## Intended Audience

This quick guide is intended for the following audience:

- TCIB Users (operational knowledge of ARC IB is recommended)

Note: This guide is not for TCIB developers (for local development) who are looking for TCIB installation procedures.



# Prerequisites

Following are the TCIB setup prerequisites:

## ModelBank

The required ModelBank version is **201403** release.

Note:

- Users using *ModelBank R13* are advised to use the latest TAFC release.
- If both the above are not available, contact [distribution@temenos.com](mailto:distribution@temenos.com)

## TCIB - Retail war Files

The TCIB - Retail pack contains 3 war files:

- 1) **Retail.war** - The edgeConnect war file for TCIB Retail.
- 2) **TCIBRetailWS.war** - WebServices specific to Retail TCIB ModelBank.
- 3) **TCIBCommonWS.war** - WebServices shared for TCIB Corporate and TCIB Retail.

Note:

- All these three .war files must be copied into the Web server (**Jboss**) directory. (A typical Jboss folder path is <Jboss\server\default\deploy>).

## Configuring the t24-ds.xml File

The *t24-ds.xml* file in the Jboss directory must be configured in order to listen to a dedicated port that uses TCIB as an OFS.SOURCE record.

```

<!-- ===== T24 TCIB ( TCIB ) (20008) ===== -->
<tx-connection-factory>
  <jndi-name>jca/t24ConnectionFactoryTCIB</jndi-name>
  <rar-name>tocfT24ra-ra.rar</rar-name>
  <connection-definition>com.temenos.tocf.t24ra.T24ConnectionFactory</connection-definition>
  <config-property name="hosts" type="java.lang.String">127.0.0.1</config-property>
  <config-property name="ports" type="java.lang.String">20008</config-property>
  <config-property name="loadBalancing" type="java.lang.Boolean">true</config-property>
  <config-property name="allowInput" type="java.lang.Boolean">false</config-property>
  <config-property name="compression" type="java.lang.Boolean">true</config-property>
  <config-property name="compressionThreshold" type="java.lang.Integer">2048</config-property>
  <config-property name="envVariables" type="java.lang.String">OFS_SOURCE=TCIB</config-property>
  <config-property name="actionTimeout" type="java.lang.Integer">120</config-property>
  <config-property name="charset" type="java.lang.String">UTF-8</config-property>
  <min-pool-size>6</min-pool-size>
  <max-pool-size>10</max-pool-size>
  <idle-timeout-minutes>15</idle-timeout-minutes>
</tx-connection-factory>

```

A connection factory may be compared to a channel. It specifies the connection parameters.



- **Jndi-name** relates to the war file to be used. Set the Jndi-name as *jca/t24ConnectionFactoryTCIB*

Note:

The Jndi-name provided here should match with the jndi-name present in the jboss-web.xml file within the WEB-INF directory. A typical WEB-INF directory's path looks like <\JBoss\server-\default\deploy\TCIBCommonWS.war\WEB-INF\>

```
<?xml version="1.0" encoding="UTF-8"?>
<jboss-web>
  <class-loading java2ClassLoadingCompliance="false">
    <loader-repository>some.dot.com.TCIBCommonWS.war:loader=TCIBCommonWS.war
    <loader-repository-config>java2ParentDelegation=false</loader-repository-config>
  </class-loading>
  <resource-ref>
    <res-ref-name>jca/t24ConnectionFactory</res-ref-name>
    <res-type>com.jbase.jremote.JConnectionFactory</res-type>
    <jndi-name>java:jca/t24ConnectionFactoryTCIB</jndi-name>
  </resource-ref>
  <resource-ref>
    <res-ref-name>jms/jmsConnectionFactory</res-ref-name>
    <res-type>javax.jms.ConnectionFactory</res-type>
    <jndi-name>java:/ConnectionFactory</jndi-name>
  </resource-ref>
  <resource-ref>
    <res-ref-name>queue/t24OF5Queue</res-ref-name>
    <res-type>javax.jms.Queue</res-type>
    <jndi-name>queue/t24Tw5Queue</jndi-name>
  </resource-ref>
  <resource-ref>
    <res-ref-name>queue/t24OF5ReplyQueue</res-ref-name>
    <res-type>javax.jms.Queue</res-type>
    <jndi-name>queue/t24Tw5ReplyQueue</jndi-name>
  </resource-ref>
</jboss-web>
```

- **Rar-name** specifies the rar file to be used for this connection.
- **Config-property host** specifies the IP address of the host, i.e the machine hosting the jbase\_agent and T24 area.
- **Config-property port** specifies the port number to send messages to. Obviously, this port number must be used while starting the jbase agent. Here in this example, it is given as 20008.
- **Config-property env** specifies the OFS.SOURCE record id. Here the **OFS.SOURCE** should point to *TCIB* as shown in the screenshot.

## Configuring the Agent

The only important setup in the agent is the port number that needs to match the setup in the t24-ds.xml file as explained above.

To start the jBase Agent, user needs to type the following in the jshell:

```
jsh> jbase_agent -p [PORT_NUMBER]
```

For example

```
jsh> jbase_agent -p 20008
```



## T24 Modules

The following T24 modules are required to make TCIB operational:

- AA - Arrangement Architecture core module
- AI - ARC Internet module
- AP - ARC Proxy module
- AD - Arrangement Deposits
- AL - Arrangement Limit
- EB - contains browser components
- FT - Funds Transfer
- DD - Direct Debits
- AC - Account
- BE - Business Events
- OF - OFS Source
- DE - Delivery
- ST
- T2 - contains all the common data records and routines for TCIB products.
- T3 - contains data records and routines pertaining to TCIB Retail