

domibusWebAdmin Installation Guide

The domibusWebAdmin module is a tool to monitor basic functions of a selected domibusConnector instance and query information from it.

Prerequisites

Requirements

domibusWebAdmin is packaged as .war and uses a database to store user authentication information and settings. So you need a web application server like tomcat (<https://tomcat.apache.org/>).

domibusWebAdmin requires:

- Java
 - Java 8 (Java SE Runtime Environment 8)
- Web Application Server:
 - Tomcat 7
 - Tomcat 8
- Database
 - Oracle DB
 - Mysql

Environmental changes

WebAdmin Properties:

The domibusWebAdmin needs a webadmin.properties file in which the database connection of the domibusConnector installation is defined and a log4j.properties file for logging configuration.

Both property files should be located under the following relative file path:

conf/webadmin/

Startup Server variable:

As the domibusWebAdmin expects its properties in a "conf/webadmin" folder it searches that folder from a configured path that should be set as an environment variable in your server settings called "CATALINA_HOME". In Tomcat this variable is already configured and points to the root directory of tomcat. So there is no further configuration necessary. It is not possible to overwrite this variable!

Changes in your domibusConnector configuration:

The domibusConnector framework now offers functionality to publish basic monitoring information on different interfaces.

This is controlled by a new property in your connector.properties file called „monitoring.type“. The monitoring information can be published by JMX or exposed as REST webservice or simply by database requests, resulting in the possible values „JMX“, „REST“ or „DB“.

e.g.: `monitoring.type=REST`

If no information is specified, then the `domibusConnector` chooses "DB" as monitoring interface.

Additional information for JMX monitoring:

When JMX monitoring is activated, be sure to activate the JMX monitoring port on your web application server.

Note:

The `domibusWebAdmin` can be configured to query its information from JMX, REST or directly from database, so exposing one of the mentioned interfaces is not necessary for running the WebAdmin.

Additional information `domibusConnector` monitoring services can be found in the `domibusConnector_Monitoring_Interfaces.pdf` file provided with the `domibusConnector` framework package.

domibusWebAdmin installation

Provided packages

The `domibusWebAdmin` can either be built either by maven or directly be used by the shipped war and zip file provided on the e-Codex Nexus repository server

<https://secure.e-codex.eu/nexus/> :

- `domibusWebAdmin[ArtifactId].war`
- `domibusWebAdmin[ArtifactId].zip`

The zip file contains the collected information needed to run and configure the `domibusWebAdmin`:

- `domibusWebAdmin[ArtifactId].zip`
 - o documentation
 - `dbScripts`
 - necessary sql scripts for initial use
 - guides
 - several installation and user guides
 - properties
 - example properties for use
 - o libs
 - necessary dependency libraries that cannot be found in a central repository other than e-Codex repository.
 - o `pom.xml`
 - o `domibusWebAdmin.war`

Preparation

1. Read the InstallationGuide which you find in documentation/guides/domibusWebAdmin_Installationguide
2. Prepare your tomcat (DomibusWebAdmin has been tested on tomcat 8 and 7)
3. Prepare your database (DomibusWebAdmin has been tested on oracle and mysql)
 - If Database is empty run the provided database scripts
4. Copy the corresponding java jdbc driver jar of your database into the tomcat lib folder
5. Be sure your tomcat is starting
6. Copy the example properties files into the CATALINA_HOME/conf/webadmin folder:
 - webadmin.properties
 - log4j.properties
7. Configure your database at the webadmin.properties
8. Configure logging according to your needs in your log4j.properties
9. Deploy the war file to your tomcat instance

Deploy

After deploying the domibusWebadmin.war file to your application server, the domibusWebAdmin should be accessible under the following url:

<http://host:port/domibusWebAdmin/>

Initial user login is:

User: „admin“

Password: „admin“

Further information can be found in the domibusWebAdmin_Guide.

Upgrade Guide

Upgrade from 3.1.x to 3.2

If you upgrade from domibusWebAdmin Version 3.1.x you can leave your configuration and database as they are. There have been no changes to configuration or database layout.