

Fews Data Access Component

Introduction

N.B.: The DAC is no longer available since FEWS 2017.02

The FEWS Data Access Component (DAC) is a web application that allows Webservices to directly access the FEWS system. The DAC communicates directly with the FEWS data store component. The database is created and updated by a FEWS Operator Client system.

Webservices hosted in a Tomcat container can access the DAC and exchange data with the underlying FEWS system.

```
<?xml version="1.0" encoding="UTF-8"?>
<clientConfiguration xmlns="http://www.wldelft.nl/fews" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.wldelft.nl/fews http://fews.wldelft.nl/schemas/version1.0/clientConfig.xsd">
  <databaseServer>
    <!--jdbc url. jdbc:postgresql://host:port/database OR jdbc:oracle:thin:@//host:port
/service_name OR jdbc:oracle:thin:@host:port:SID OR jdbc:oracle:thin:@TNSName OR jdbc:jtds:sqlserver://host:port
/database, use DBVisualizer to test the url-->
    <url>jdbc:oracle:thin:@dummy_hostname:1521:dummy_databasesname</url>
    <user>dummy_username</user>
    <!-- use F12 in explorer to encrypt password--->
    <encryptedPassword>dummy_password_encrypted</encryptedPassword>
  </databaseServer>
  <!-- The JMServer section is only required for the writing of timeseries
For a read only instance this section must be omitted. -->
  <jmsServer>
    <appServerType>jboss</appServerType>
    <appServerName>dummy_hostname_2</appServerName>
    <appServerPort>1099</appServerPort>
    <rootJNDI>/wd/nz/mc00</rootJNDI>
  </jmsServer>
  <localCacheSizeMB>500</localCacheSizeMB>
</clientConfiguration>
```