

Access

Connection to Microsoft Access (via odbc)

This document explains the specific aspects of connecting Cocoon to a Microsoft Access Database via odbc. This should work with any odbc compliant data source.

For a general explanation on database connections please refer to the [official Cocoon documentation](#) .

Installing the JDBC drivers

- odbc is part of JDK, so you don't need to install anything.

Setting the web.xml configuration

In the \$COCOON_LIB/WEB-INF/ directory you will find the web.xml file. Open it and look for this rows

```
<init-param>
  <param-name>load-class</param-name>
  <param-value>
```

here you have to add the following line:

```
<!-- For ODBC: -->
    sun.jdbc.odbc.JdbcOdbcDriver
```

Setting the cocoon.xconf configuration

Search for:

```
<datasources>
```

add into this element these lines:

```
<jdbc name="YourPoolName">
  <pool-controller min="5" max="10"/>
  <dburl>jdbc:odbc:YourODBCSourceName</dburl>
  <user>YourUsername</user>
  <password>YourPassword</password>
</jdbc>
```

Setting the sitemap.xmap configuration

When you want to use the connection with the SQLTransformer you just call the JDBC name inside the pipeline in this way:

```
<map:match pattern="sqlquery">
  <map:generate src="sql/sqlquery.xml"/>
  <map:transform type="sql">
    <map:parameter name="use-connection" value="YourPoolName"/>
  </map:transform>
  <map:transform type="xslt" src="../../stylesheets/transformation.xslt"/>
  <map:serialize />
</map:match>
```

Obviously you have to adapt this sample to fill your need.

[SpecificDatabaseConnection](#)

== Setting up ODBC Source

Windows:

- a. Start > Settings > Control Panel > Administrative Tools > Data sources (ODBC)
- b. Select the tab labeled 'System DSN' (I tried User DSN, but it did not work!)
- c. Click 'Add'
- d. Select the type of data source you want to create, e.g. Microsoft Access Driver
- e. Supply a name for the data source (This needs to match the YourODBCSourceName cocoon.xconf!)
- f. The 'description' is optional
- g. Click the 'Select' button under 'Database' to bring-up a file browse dialog
- h. Use the dialog to select the database file

Comments from the readers