

SpecificDatabaseConnectionNew

Each database to which Cocoon connect has:

- a different site where you can download the appropriate jdbc drivers
- a different invocation of the class to load in web.xml file
- a different connection string
- some little differences you have to take into account

The instructions on how to set up a connection pool in general on a database can be found in the [official documentation](#) or in this [good article](#) .

Here is a table of the specificity that I and others have found, in connecting Cocoon to different databases:

| Database | • jdbc drivers' site* | • class to load in web.xml* | • Connection string* |
|-----------|---|--|--|
| [| http://www.mysql.com/downloads/api-jdbc-stable.html] | com.mysql.jdbc.Driver | jdbc:mysql://YourHostName:3306/YourDatabaseName?autoReconnect=true |
| [| http://jdbc.postgresql.org/download.html] | org.postgresql.Driver | jdbc:postgresql://YourServerName:5432/DB_Name |
| [| http://otn.oracle.com/software/tech/java/sqlj_jdbc/content.html] | oracle.jdbc.driver.OracleDriver | jdbc:oracle:thin:@YourServerName:1521:Instance_Name |
| [| http://www.microsoft.com/sql/default.asp] | com.microsoft.jdbc.sqlserver.SQLServerDriver | jdbc:microsoft:sqlserver://YourServerName:1433;DatabaseName=YourDatabaseName |
| [| http://oss.software.ibm.com/developerworks/opensource/t400/] | com.ibm.as400.access.AS400JDBCDriver | jdbc:as400://YourServerName |
| BasisPlus | OpenText | com.opentext.basis.jdbc.BasisDriver | jdbc:opentext:basis://dbUser:dbPassword@dbServer:2033/dbName |

Encoding tips

mySQL

If we want to use non-latin characters in mySQL, Greek for example, we need to have a more specific connection string:

jdbc:mysql://YourHostName:3360/YourDataBaseName?useUnicode=true&characterEncoding=YourEncoding
for example: (cocoon.xconf)

```
<jdbc name="pool_name">
  <pool-controller min="5" max="10"/>
  <dburl>jdbc:mysql://YourHostName:3360/YourDataBaseName?useUnicode=true&characterEncoding=ISO-8859-7<
/dburl>
  <user>database_user</user>
  <password>database_password</password>
</jdbc>
```