

## ***DB creator service (JDBC implementation)***

DB Creator is responsible for database schema creating using a DDL script inside service configuration or in an external file, calling:

```
org.exoplatform.services.database.jdbc.DBSchemaCreator.createTables(  
String dsName,  
String script)
```

via

```
org.exoplatform.services.database.jdbc.CreatedDBSchemaPlugin component plugin
```

The configuration example:

```
<component>  
  <key>org.exoplatform.services.database.jdbc.DBSchemaCreator</key>  
  <type>org.exoplatform.services.database.jdbc.DBSchemaCreator</type>  
  <component-plugins>  
    <component-plugin>  
      <name>jcr.dbschema</name>  
      <set-method>addPlugin</set-method>  
      <type>org.exoplatform.services.database.jdbc.CreatedDBSchemaPlugin</type>  
      <init-params>  
        <value-param>  
          <name>data-source</name>  
          <value>jdbcjcr</value>  
        </value-param>  
        <value-param>  
          <name>script-file</name>  
          <value>conf/storage/jcr-mjdbc.sql</value>  
        </value-param>  
      </init-params>  
    </component-plugin>  
    .....  
</component>
```

An example of a DDL script:

```
CREATE TABLE JCR_MITEM(  
  ID VARCHAR(255) NOT NULL PRIMARY KEY,  
  VERSION INTEGER NOT NULL,  
  PATH VARCHAR(1024) NOT NULL  
);  
CREATE INDEX JCR_IDX_MITEM_PATH ON JCR_MITEM(PATH);
```