

The nuclos.xml configuration file

🌐 Language: [Deutsch](#) · [English](#)

📖 The nuclos.xml configuration file

Structure of the central configuration file – server, client and database settings incl. connection-url examples.

REFERENZ

ADMINISTRATOR

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APPLIES TO NUCLOS 4.2026.X

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The file `nuclos.xml` is generated during installation and stores all settings – making updates easier. The generated (or a manually created) file can also be used for an **automated installation**.

Structure

```
<server>           Server settings
  <home>           Installation target directory
  <name>           Name of the Nuclos instance (for the service)
  <http>           <enabled> [true|false], <port>
  <https>          <enabled>, <port>,
                  <keystore> (<file>, <password>)
  <shutdown-port> Port for the shutdown command
  <heap-size>      max. memory of the server process
  <java-home>      Java installation to use
  <production>     <enabled> [true|false]
  <development>    <enabled>, <debugport>, <jmxport>
  <launch-on-startup> run on system startup [true|false]
<client>          <singleinstance> [true|false]
<database>       Database settings
  <adapter>        [postgresql|oracle|mssql|sybase]
  <driver>         JDBC driver class
  <driverjar>      *.jar with JDBC driver
  <connection-url> JDBC URL (see examples)
  <username> <password> <schema>
  <tablespace> <tablespace-index> (optional)
  <setup><setup/>  automatic DB setup (optional)
  <postgres>      <superuser> <superpw> (for auto setup)
```

connection-url per database

The `<instance-name>` must match the database instance name assigned during DB installation (for MS SQL Server the database name). The examples assume the Nuclos and DB server are identical (localhost):

Database	connection-url (example)
PostgreSQL	<code>jdbc:postgresql://localhost:5432/<instance-name></code>
Oracle	<code>jdbc:oracle:thin:@localhost:1521:<instance-name></code>
MS SQL Server	<code>jdbc:sqlserver://localhost:1433;DatabaseName=<instance-name></code>
Sybase	<code>jdbc:sybase:Tds:localhost:2638/<instance-name></code>



Automatic DB setup

With `<setup><setup/>` enabled Nuclos creates the database user, password, schema and tablespace automatically – superuser credentials must be provided under `<postgres>`.

Related pages

 SSL encryption

Keystore.

[Open](#)

 Database

Database.

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