

Deployment Document

- **Configurations:**

1、Basic JDK Environment

(1) Environment Variable:

- JAVA_HOME: The installation directory of JDK
- Path: %JAVA_HOME%\bin;%JAVA_HOME%\jre\bin;
- CLASSPATH: .;%JAVA_HOME%\lib;%JAVA_HOME%\lib\tools.jar;

(2) Verify successful configuration of environment variable:

Open command window , enter javac

2、Tomcat Installation

Unzip or install the package to the current folder, open the file, you can see the contents of the folder as installed file directory, including bin and other folder content.

The functions of each folder: bin: script files for startup and closure; conf: various configuration files; lib: jar package; log: store log files; temp: store temporary files; webapp: web application; work: the working directory of tomcat.

Choose the bin folder of tomcat , find startup.bat to double-click and run.

3、Eclipse (IDEA) Installation

For simplicity, the installation of IDEA or Eclipse is omitted.

4、MySQL Database Installation

Note: When selecting a character type, you need to select "manual selected default character Set" to manually select the default character "utf8"

Attention should be paid to details during installation. Once the database fails to install, it needs to be uninstalled by a powerful uninstall tool, otherwise it will affect the re-installation.

Test: Find the database software to run and enter the correct password.

- **Deployment**

- **Project Configuration:**

(1) Open the IDEA import project: Import Project - > Select Directory - > Select the original type of project - > OK.

(2) File - > Project Structure opens the project configuration window - > Configure JDK version and compilation level in the project item

(3) Configure the project structure in the Sources tab of the Modules item.

Configure the compiled file output path in the Paths tab of the Modules item.

Configure dependencies in the Dependencies tab of the Modules item.

(4) Configure the required libraries in the Libraries item.

(5) Adding Web modules to projects in Facets items

(6) Set up the deployment configuration of the project in the Artifacts item and add Web Application: Exploded

- **Tomcat Configuration :**

(1) Adding Tomcat runtime environment

(2) Configure Tomcat paths and ports

(3) Add the project to be deployed in the Deployment tab, and you can see that the deployment operation adds "Build'epcsys: war exploded'artifact"

(4) After the Tomcat configuration is completed, Click to run tomcat.