

Preparing to Work in Tomcat's Environment

Tomcat is a Java-enabled web server that can be used as a host for servlets

A domain has been created for you to access your servlets. The instructor's domain is: <https://spiegel.kutztown.edu:8443/>

Your Tomcat web domain will use your login id in place of the instructor's.

Setup on acad (csit):

- Confirm that the following directories exist in your login directory:
 - webapps
 - *webapps* is where Tomcat sniffs for web archive files. When a war file is placed there, Tomcat will deploy it
 - logs
- If these directories are not present, the sysadmin must create them.
- Your login directory must have permissions 750 (not 700):

Other pertinent information is here:

<http://faculty.kutztown.edu/spiegel/CSc521/TomcatServletDeployment/>

logs is one location where error messages will be available.

Classpath Requirements:

- Place `/usr/share/java/servlet.jar` in your classpath.

Later, our servlets will be using an oracle database to store data.

- Place `/usr/lib/oracle/19.3/client64/lib/ojdbc8.jar` and `/usr/lib/oracle/12.1/client64/lib/ojdbc6.jar` in your classpath

Place

```
export JAVA_HOME="/usr/java/jdk-15.0.1"
export CATALINA_HOME="/opt/tomcat/latest"
in .bash_profile in your root directory.
```

Java Version Requirements:

- Tomcat runs on acad (csit), and uses the version of java (15.0.1+9-18) installed on that machine. Be sure to compile your servlets on acad.