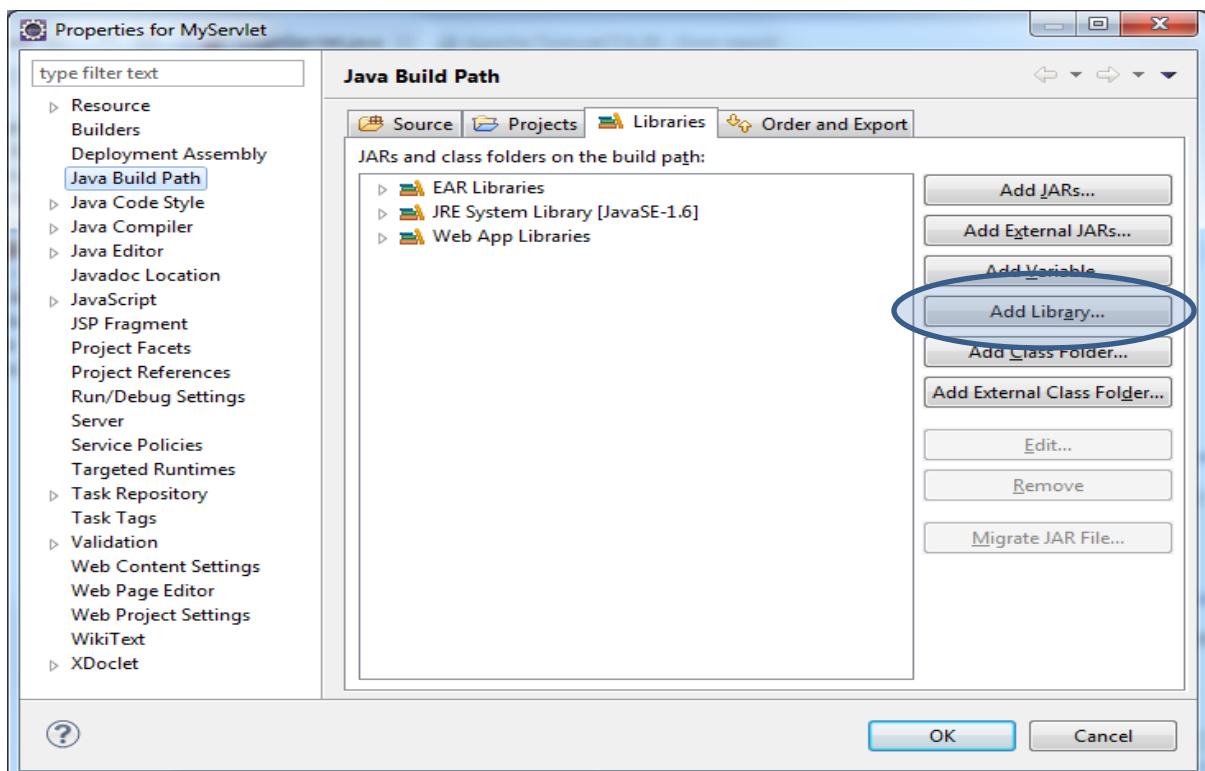## Problem with HttpServlet cannot be resolved to a type

HttpServlet cannot be resolved to a type when adding a servlet using Eclipse.
When trying to add a servlet using the Eclipse wizard you find the the generated code results in the compiler throwing an error "HttpServlet cannot be resolved to a type".

The reason for this error is because Eclipse pick up your current JRE whereas the servlet api is not installed and referenced in your project.
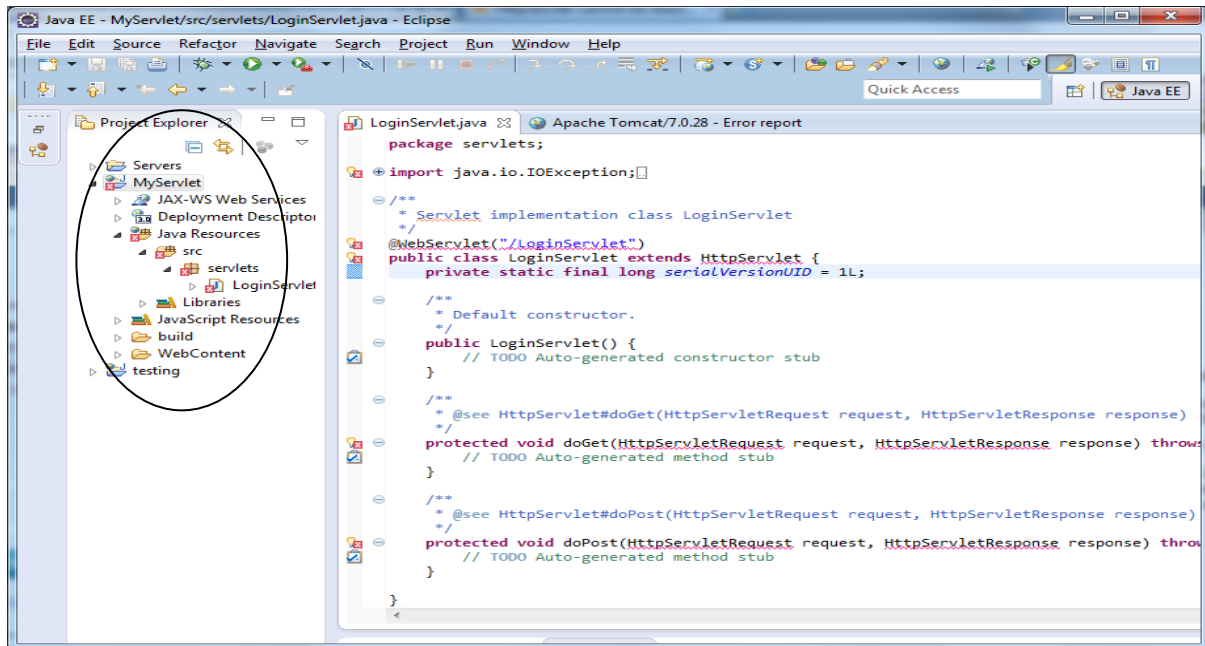
Click "Add Library" → Select Server Runtime

Properties for MyServlet

type filter text

- ▷ Resource
- Builders
- Deployment Assembly
- **Java Build Path**
- ▷ Java Code Style
- ▷ Java Compiler
- ▷ Java Editor
- Javadoc Location
- ▷ JavaScript
- JSP Fragment
- Project Facets
- Project References
- Run/Debug Settings
- Server
- Service Policies
- Targeted Runtimes
- ▷ Task Repository
- Task Tags
- ▷ Validation
- Web Content Settings
- Web Page Editor
- Web Project Settings
- WikiText
- ▷ XDoclet

Java Build Path

🗐 Source | 📂 Projects | 🗐 Libraries | 🔧 Order and Export

JARs and class folders on the build path:

- ▷ 🗐 Apache Tomcat v7.0 [Apache Tomcat v7.0]
- ▷ 🗐 EAR Libraries
- ▷ 🗐 JRE System Library [JavaSE-1.6]
- ▷ 🗐 Web App Libraries

Add JARs...
Add External JARs...
Add Variable...
Add Library...
Add Class Folder...
Add External Class Folder...
Edit...
Remove
Migrate JAR File...

OK   Cancel

Java EE - MyServlet/src/servlets/LoginServlet.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Quick Access   Java EE

Project Explorer ✕

- ▷ 📂 Servers
- ▲ 📂 MyServlet
  - ▷ JAX-WS Web Services
  - ▷ Deployment Descriptor
  - ▲ Java Resources
    - ▲ 📂 src
      - ▲ servlets
        - ▷ LoginServlet
    - ▷ Libraries
  - ▷ JavaScript Resources
  - ▷ 📂 build
  - ▷ 📂 WebContent
- ▷ testing

LoginServlet.java ✕   Apache Tomcat/7.0.28 - Error report

```java
package servlets;

import java.io.IOException;

/**
 * Servlet implementation class LoginServlet
 */
@WebServlet("/LoginServlet")
public class LoginServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * Default constructor.
     */
    public LoginServlet() {
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
        // TODO Auto-generated method stub
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throw
        // TODO Auto-generated method stub
    }

}
```

M