

Yep, you're right — it's **Community Server Connectors** (the RSP UI one from Red Hat), that GitHub you linked. Let's use *that* one properly.

Here's how to make it see your local Tomcat and deploy to it.

---

## 1. Make sure Tomcat is unzipped

You already have something like:

- mac: `/Users/you/Downloads/apache-tomcat-10.1.xx`
- windows: `C:\Users\you\Downloads\apache-tomcat-10.1.xx`

Keep that path handy.

---

## 2. VS Code commands to create the server

1. **Open Command Palette:** `Ctrl+Shift+P` (Win) / `Cmd+Shift+P` (Mac)
2. Type: **Server: Create New Server**  
(In that extension, commands start with **Server:**)
3. It will list server types it knows → pick **Apache Tomcat** (or similar, sometimes it says Tomcat 9/10).
4. It will ask for the **install folder** → give it your Tomcat folder in Downloads.
5. After that, you should see a **Servers** view (bottom of Explorer). Your Tomcat should appear there.

If you don't see "Server: Create New Server", look for:

- “**Server: Add Server**”
- or “**Server: New Server**”

(the names vary slightly by version, but they all start with **Server:** in that extension — that's straight from the repo you linked).

---

### 3. Start the server from VS Code

- In the **Servers** view: right-click your Tomcat → **Start Server**.
  - If that works, you can now deploy to it from VS Code (no more manual copying).
- 

### 4. Deploy your webapp

Your project must look like a Java web app:

```
myapp/
  └── index.jsp
  └── WEB-INF/
      └── web.xml
```

Then:

1. Command Palette → **Server: Add Deployment**
2. Pick your Tomcat
3. Pick your **myapp** folder

Now it will copy it into Tomcat's **webapps** for you.

---

### 5. Add MySQL driver

Inside your project:

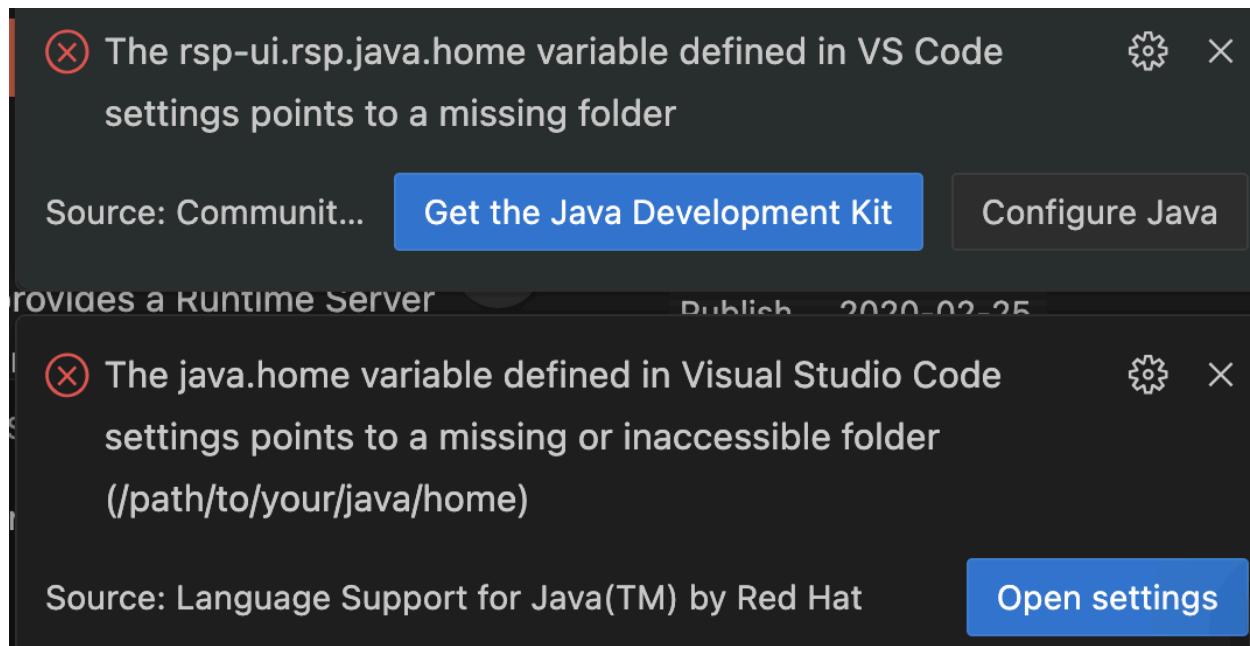
```
myapp/WEB-INF/lib/mysql-connector-j-8.x.x.jar
```

Redeploy (same command) → hit <http://localhost:8080/myapp/>.

---

If you run **Command Palette** and you don't see *any Server*: commands, tell me and we'll flip your `settings.json` to enable the RSP UI explicitly.

---



i have jdk

ChatGPT said:

Perfect — this just means VS Code doesn't know where your JDK is installed yet. The Community Server Connectors and Java Language Support extensions both need the correct path set in settings.

Let's fix it quickly:

---

## Step 1: Find your JDK path

In a terminal:

macOS / Linux

```
/usr/libexec/java_home
```

It will print something like

```
/Library/Java/JavaVirtualMachines/jdk-17.jdk/Contents/Home
```

**Windows (PowerShell / cmd)**

```
echo %JAVA_HOME%
```

or look in

```
C:\Program Files\Java\jdk-17 (or jdk-21, etc.)
```

---

## 🛠 Step 2: Tell VS Code where it is

Open VS Code → Command Palette (**Cmd/Ctrl + Shift + P**) → **Preferences: Open User Settings (JSON)**

Add these lines (replace with your real path):

```
"java.jdt.ls.java.home":  
"/Library/Java/JavaVirtualMachines/jdk-17.jdk/Contents/Home",  
  
"rsp-ui.rsp.java.home":  
"/Library/Java/JavaVirtualMachines/jdk-17.jdk/Contents/Home"
```

(*Windows example*)

```
{  
  
    "java.jdt.ls.java.home": "C:\\\\Program Files\\\\Java\\\\jdk-17",  
  
    "rsp-ui.rsp.java.home": "C:\\\\Program Files\\\\Java\\\\jdk-17",  
  
    "rsp-ui.rsp.enabled": true  
}
```

Save → reload VS Code.

---

### Step 3: Verify

- Command Palette → “Java: Configure Java Runtime” should now show your JDK.
  - The errors disappear.
  - Then you can run “Server: Create New Server” again and Community Server Connectors will detect Tomcat normally.
- 

Would you like me to show what the complete working `settings.json` should look like for a mac setup (including Tomcat paths)?

ChatGPT can make mistakes. Check important info.