

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).
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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.

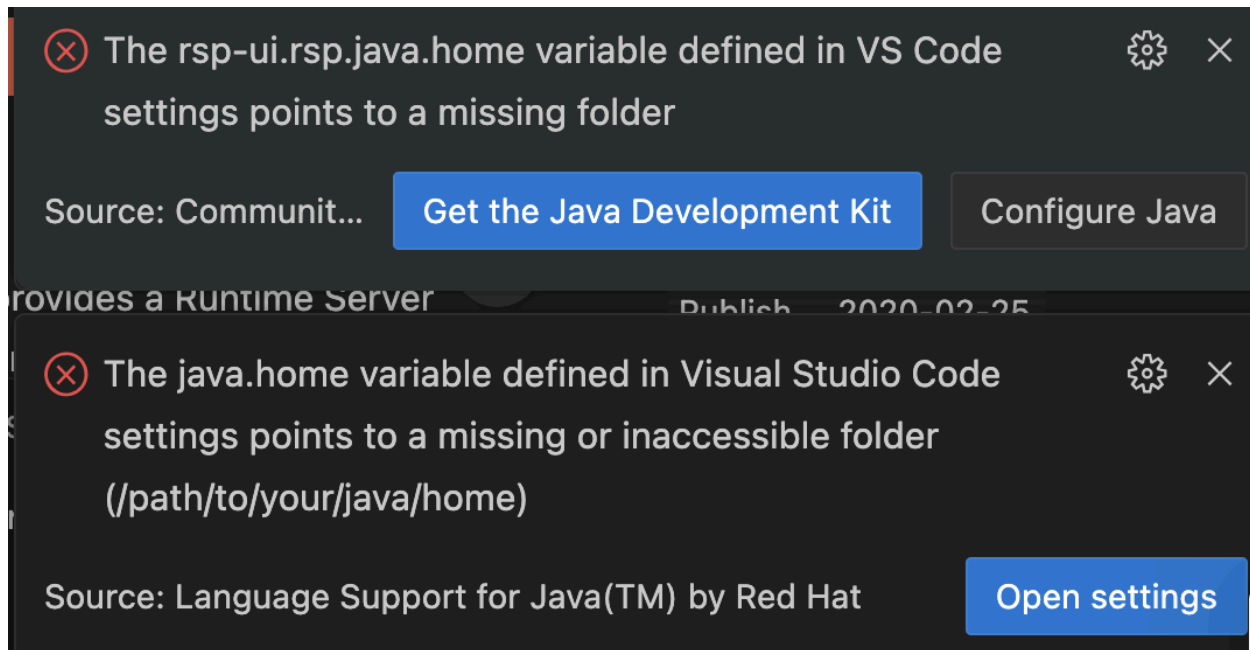
5. Add MySQL driver

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.