Deployment: Mappings Tab

In this tab, configure *mappings*, that is, set correspondence between the project folders, the folders on the server to copy project files to, and the URL addresses to access the copied data on the server. The easiest way is to map the entire project root folder to a folder on the server, whereupon the project folder structure will be repeated on the server, provided that you have selected the **Create Empty directories** check box in the Options dialog box. For more details, see Customizing Upload/Download. Below are definitions of terms used in this topic in the context of of synchronization between IntelliJ IDEA and servers.

- A *local server* is a server that is running in a local or a mounted folder and whose *document root* is *NOT* the parent of the project root.

- A *remote server* is a server on another computer (remote host).

- The *server configuration root* is the highest folder in the file tree on the *local* or *remote* server accessible through the server configuration. For *in-place* servers, it is the project root.

- A *local file/folder* is any file or folder under the project root.

- A *remote file/folder* is any file or folder on the server, either local or remote.

  Suppose you have a project `C:/Projects/My_Project/` with a folder `C:/Projects/My_Project/My_Folder` and a local server with the document root in `C:/xampp/htdocs`. You upload the entire project tree to `C:/xampp/htdocs/My_Project`. In the terms of IntelliJ IDEA, the folder `C:/Projects/My_Project/My_Folder` is referred to as *local* and the folder `C:/xampp/htdocs/My_Project/My_Folder` is referred to as *remote*.

Item	Description
Use this server as default	Click this button to have IntelliJ IDEA apply the settings of the selected configuration by default during automatic upload of changed files. This button is only enabled for the non-default servers; for the server used as default, this button is disabled.
Local Path	In this text box, specify the full path to the desired folder in the project tree. In the simplest case it is the project root. Type the path manually or click the **Browse** button ⬚ and select the desired location in the **Choose Local Path** dialog box that opens.
Deployment Path	In this text box, specify the folder on the server where IntelliJ IDEA will upload the data from the folder specified in the **Local Path** text box. Type the path to the folder relative to the *server configuration root*. If the folder with the specified name does not exist yet, IntelliJ IDEA will create it, provided that you have selected the **Create Empty directories** check box in the Options dialog box. For more details, see Customizing Upload/Download. The text box is not available for server configurations of the type **In-place**.
Web Path	In this text box, type the path to the folder on the server relative to the *server configuration root*. Actually, type the relative path you typed in the **Deployment Path** text box.
Add	Click this button to have a new line added to the list of mappings.
Remove	Click this button to remove the selected mapping from the list.

See Also

Language and Framework-Specific Guidelines:

- Working with Web Servers: Copying Files

Reference:

- Deployment
- Remote Host Tool Window

Web Resources:

- Developer Community 🔗