# Documentation

# Servlib 7

## Getting started

### Installing servlib on your computer

In order to have servlib installed on your computer, you will need to do a few thing:

* Create a folder named “Servlib”
* Download server.py and content-types.json from my github and place them in the “Servlib” folder
* Create a new folder named “sessions” in the “Servlib” folder
* Done, Servlib is now installed

### Creating your first multi-pages project

They are few easy project that I’ve made to help you understanding how my framework work, download the on my github and look at them as your follow this tutorial

In order to make your first web app, you will need to do a few things:

* In your “Servlib” folder create another folder named with your project’s name. This folder is the root of your web app (Ex: project1)
* In your project folder create a new python file named with your first page’s name (Ex: page1.py)
* Edit your first page using your favourite IDE
* In your python file, write “import server” in order to make your page able to use the framework I’ve created
* In the same file, create a function named main and taking one parameter (name it data for better understanding)
* This function will have to return a byte type object which is an HTTP response that had been encoded
* In order to make it easy, I’ve made a class named Response that will help you making your own HTTP responses. This function have two attributes, content and headers. Content is the content of you response, basically your HTML page or your json and headers are the headers of your response. It’s quite hard to understand for beginners so I will keep it simple : headers are the metadata of your response, they are helping it to understand your response.
* Now you’ve defined what will be the content and the headers of your response, make your response a byte like object using the Response.encode(“utf-8”) method
* Send your response by returning the byte like object
* You’ve created your first project’s first page.

### Starting the server

You’ve created your first project, now it’s time to see if it works.

In order to apply changing made on your .py page, you will need to restart the server so I’ve made this step really fast.

#### Command line start

The easiest way to start