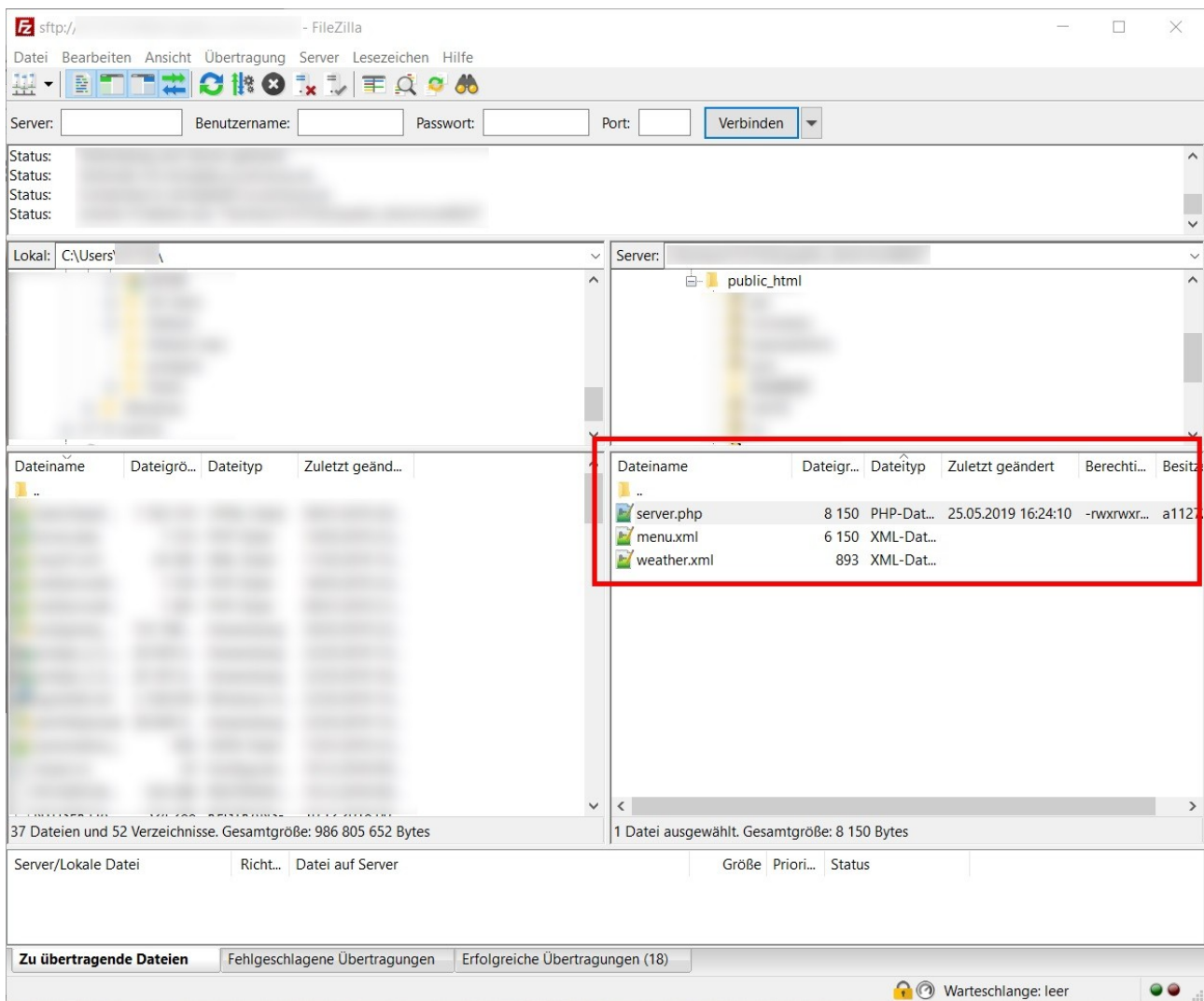# compactREST

A RESTful web service. Made by [GerH](#).

Installation

Simply put the server.php and the XML files (e.g. the two provided example XML files) in the same folder on your server:

File Upload with FileZilla

Troubleshooting

If some requests aren't working, make sure that the files have the correct chmod permissions. Also set the permissions of the folder containing the files.

Your To-Do List

→ change values of the API keys
→ modify POST method for your XML structure

Example URLs & Requests

GET

<your-url>/server.php

<your-url>/server.php/menu/menu//entry/attr/id/24

<your-url>/server.php/menu/menu//entry/price/21.95

<your-url>/server.php/menu/menu/appetizers/entry/name/"Buffalo Wings"

<your-url>/server.php/menu/menu//price/sum()
<your-url>/server.php/menu/menu//price/count()
<your-url>/server.php/menu/menu//price/avg()
<your-url>/server.php/menu/menu//price/min()
<your-url>/server.php/menu/menu//price/max()

<your-url>/server.php/menu/menu//entry/price>10
<your-url>/server.php/menu/menu//entry/price<10/name

<your-url>/server.php/menu/menu//entry/price>15/price/avg()

PUT

> <your-url>/server.php/weather/station/weather/element/description/massive intensity drizzle
> *Content (Body, raw, JSON)*:
> {
>   "API-key" : "CHANGE-THIS-PUT-API-KEY"
> }

DELETE

Delete XML entry:

> <your-url>/server.php/menu/menu/sandwiches/entry/attr/id/15
> *Content (Body, raw, JSON)*:
> {
>   "API-key" : "CHANGE-THIS-DELETE-API-KEY"
> }

Delete file:

> *URL*: <your-url>/server.php/menu
> *Content (Body, raw, JSON)*:

```
{
        "filename" : "hello-world.txt",
        "API-key" : "CHANGE-THIS-DELETE-API-KEY"
}
```
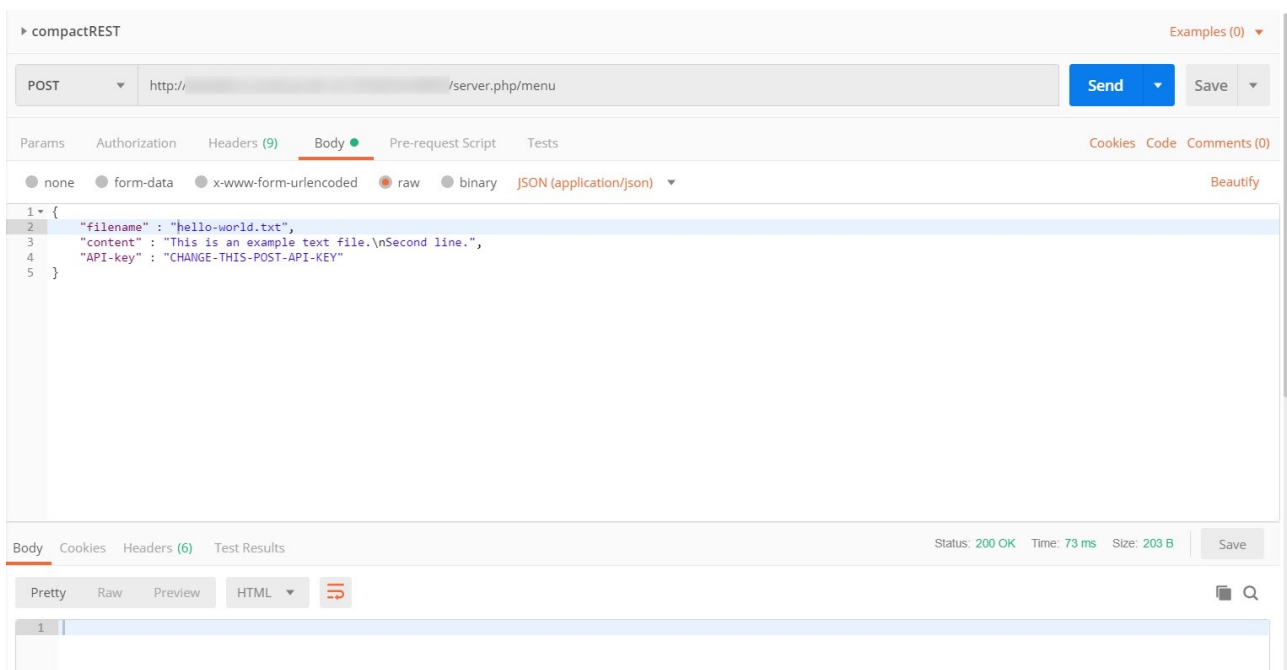
POST

Add to XML*:*

> *URL*: <your-url>/server.php/weather/weather/object/1
> *Content (Body, raw, JSON)*:
> ```
> {
>         "some_value" : "rain",
>         "some_attribute" : "10.2",
>         "API-key" : "CHANGE-THIS-POST-API-KEY"
> }
> ```

Upload file:

> *URL*: <your-url>/server.php/menu
> *Content (Body, raw, JSON)*:
> ```
> {
>         "filename" : "documents/text/hello-world.txt",
>         "content" : "This is an example text file.\nSecond line.",
>         "API-key" : "CHANGE-THIS-POST-API-KEY"
> }
> ```


File upload POST request example with Postman