Webhook Documentation

This brief documentation will explain how to register a webhook URL to events on my Demo Purchase Service, using Serveo.

1. Register Webhook to event

This guide assumes that the exposee (me) has their server exposed 24/7. This will not be the case. You will need my server's URL to properly send the request and payload, so I will give you an URL below for documentation's sake. However note that this URL has very likely expired, and you will need to contact the exposee (again, me) to request a new URL.

Exposee Server-URL	https://630176ac26f22c83842aece676ace99f.serveo.net

Now with both your own and the exposee's URL in hand, we can make the request using a curl-command in the terminal.

```
curl -X POST \
  https://myserver.serveo.net/register_webhook \
  -H 'Content-Type: application/json' \
  -d '{"new_URL":
"https://yourserveoURL.serveo.net/webhook_receiver", "event":
"purchase"}'
```

Replace the request URL in the CURL command (https://myserver.serveo.net/register_webhook) with an active Exposee Server-URL, and replace the value of the parameter 'new_URL' in the body with your server's webhook URL.

The CURL command's body also contains another key called 'event' defining the specific events that trigger new updates being sent to your webhook URL.

Valid events:
- purchase: called whenever a user makes a purchase.

If all went according to plan, you should see a response from your server saying something along the lines that the operation has been successful. To test that your webhook is registered, try sending a request to the **'/ping'** endpoint to see if you get a response.

```
curl -X POST \
  https://myserver.serveo.net/ping \
  -H 'Content-Type: application/json' \
  -d '{"product": {"name": "Sample Product", "price": 100}}'
```

2. Unregister your webhook

If you want to unregister your webhook from the exposee's server again, it is just a matter of changing endpoints in the curl-command.

```
 curl -X POST \
   https://myserver.serveo.net/unregister_webhook \
   -H 'Content-Type: application/json' \
   -d '{"new_URL":
"https://yourserveoURL.serveo.net/webhook_receiver", "event":
"purchase"}'
```

As displayed, you change the **'/register_webhook'** endpoint by the exposee's URL, to **'/unregister_webhook'.** After executing this command, your webhook should be removed from the exposee's registry.

Integrator Documentation

1. Generate a webhook-payload from your webserver

This documentation assumes you have some sort of web server running locally. Make sure it has an endpoint ready where it wants to receive some data from a webhook, preferably in JSON-format.

2. Download ssh

If you haven't already, make sure that ssh is installed on your device. We will need it in order to make contact to serveo. Most Unix-based systems (like Linux and macOS) come with SSH pre-installed. For Windows users, you may need to install an SSH client manually.

3. Expose your server to Serveo

Assuming you have ssh installed, make your way to serveo's website, and copy the command displayed in the center-box.

```
$ ssh -R 80:localhost:3000 serveo.net
```

Then open your terminal, and copy it in.

Before executing, make sure to replace the port with whatever port your server is running on. Once executed, your localhost should now be exposed and it should give you a longer URL that you can copy. (To cancel the connection again, simply hit Ctrl + C in the terminal, however the connection *needs* to be active for this to work.)

Integration screenshots

The following screenshots show my integration-results when testing my partner's server.

Screenshot #1 is from a previous test, but the results were the same.