

OliveTin

OliveTin exposes a webpage with buttons that execute shell command (eg. docker, scripts) on the server and allow others for easy access. It should be used internally only.

Installation

Download the correct file from this site. <https://github.com/OliveTin/OliveTin/releases>
OliveTin_linux_amd64.deb

Go to the directory and install the package.

```
sudo dpkg -i OliveTin...deb
sudo systemctl enable --now OliveTin
```

Configuration

The configuration file is located at `/etc/OliveTin/config.yaml`

Example Configuration

```
listenAddressSingleHTTPFrontend: 0.0.0.0:1378 # set the port of OliveTin to 1378

# Choose from INFO (default), WARN and DEBUG
logLevel: "INFO"

# Actions (buttons) to show up on the WebUI:
actions:
  # This will run a simple script that you create.
  - title: Update Music
    shell: /home/karis/scripts/script
    icon: '&#127925'
```

More possible configurations (many are not possible on Docker)

Execute a shell command with textbox input.

```
- title: Restart a Docker CT
  icon: '<img src = "icons/restart.png" width="48px" />'
  shell: docker restart {{ container }}
  arguments:
    - name: container
      type: ascii
```

- use {{ }} and give a variable
- under arguments type, assign a type for it, ascii only allows letters and numbers

Execute a shell command with choices

```
- title: Manage Docker Stack Services
  icon: "&#128736;"
  shell: docker-compose -f /home/karis/docker/bookstack/docker-compose.yml {{ action }}
  arguments:
    - name: action
      choices:
        - title: Start Stack
          value: up -d

        - title: Stop Stack
          value: down
```

This example give choices to start or stop a docker stack of a docker-compose file. If a argument is given the parameter choices, it will be in dropdown mode.

Icons Customization

The icons need to be placed in a folder in `/var/www/[icon-folder]/icon.png`. To use the icons, offline image or web address, it should be in HTML format. The size of 48px is the default size of OliveTin icons. Other CSS options such as `style="background-color: white;"` also works.

```
icon: '<img src = "icons/minecraft.png" size="48px" />'
```

Icon with emoji, to use emoji, need to use the html code. <https://symbbl.cc/en/emoji/>

For example, `☺` 🍷.

```
icon: "&#9786;"
```

Icon Management

The default icon folder is `/var/www/olivetin/icons`

The icon folder of all homelab icons is in `~/icons/homelab`

API

Simple action button.

```
curl -X POST "http://mediaserver:1378/api/StartAction" -d '{"actionName": "Update Music"}'
```

Action with Arguments.

```
curl -X POST 'http://mediaserver:1378/api/StartAction' -d '{"actionName": "Rename Movies",  
"arguments": [{"name": "path", "value": "value"}]}'
```

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