••• verifone

https://verifone.cloud/docs/oakos/oakos-dashboard-api/install-sample-applications Updated: 10-Jun-2022

Install sample applications

WiFi application

Many times it is difficult to set the network because of the lack of hard line ethernet connection. An open sourced application is available at: <u>https://github.com/OakLabsInc/app-wifi</u>.





Using the API you can install the following:

```
{
    "services": [
        {
          "image": "index.docker.io/oaklabs/app-wifi:2.0.0",
          "environment": {
             "PLATFORM_HOST": "localhost:443",
             "NODE_ENV": "production"
        }
    }
]
```

Display and touch rotate application

Another common setup task is rotating both the display and touch. An open sourced application is available at: https://github.com/OakLabsInc/app-rotate.

Screen * DP2	~
Rotation * NO_ROTATE	*
Forward Orientation	
ROTATE	SAVE

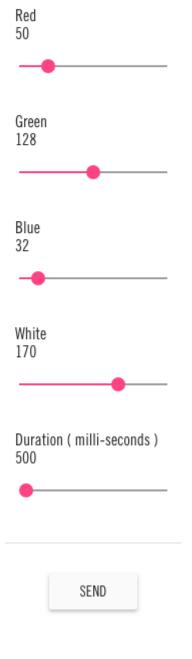
```
{
   "services": [
    {
        "image": "index.docker.io/oaklabs/app-rotate:2.0.0",
        "environment": {
            "PLATFORM_HOST": "localhost:443",
            "NODE_ENV": "production"
        }
    }
]
```

Oak lighting application

This application will allow the user to adjust the oak-lights controller on a unit. You can set RGB values, white balance and transition duration on any unit running our oak-lights component container https://github.com/OakLabsInc/component-oak-lights This application demonstrates how to talk to that container that talks directly to the oak-lights controller at /dev/ttyACM0.

The UI application at <u>https://github.com/OakLabsInc/app-lights</u> shows how to send RGB values to the gRPC component to change the lights.





[

{

```
"image": "index.docker.io/oaklabs/app-lights:2.0.0",
    "environment": {
        "LIGHTS_HOST": "localhost:9100",
        "PLATFORM_HOST": "localhost:443",
        "NODE_ENV": "production"
     }
},
{
        "image": "index.docker.io/oaklabs/component-oak-lights:0.0.3",
        "environment": {
            "PORT": "9100"
        }
}
```

At this point you are probably ready to start writing your own applications. Take a look at <u>Writing an application</u> to get started.