

## Telemetry

This tutorial shows how to capture telemetry using the [example application](#).

The next tutorial goes into [InfluxDB](#). After that, we have a tutorial that shows how to visualize your metrics with [Grafana](#).

### Tutorial Requirements

You will need to set up an [InfluxDB database](#) to continue.

### Provider Security Requirements

In order to secure sending your logs, you will need to clone and customize `component-telegraf` to add your organization security credentials.

### Clone the component-telegraf repository

Clone component-telegraf

```
git clone https://github.com/OakLabsInc/component-telegraf
```

You will need to customize the [Dockerfile](#) and set the environment variables to match your organization setting.

### Install the example application and configure Telegraf

First, install the example application and Telegraf.

Use your organizations InfluxDB host in the Oak Platform API call.

Oak Platform (API): Install

```
{
  "services": [ {
    "image": "index.docker.io/oaklabs/app-example:release-1.0.1",
    "environment": {
      "TZ": "America/Phoenix"
    },
    ,
    "image": "index.docker.io/{{dockerHub}}/component-telegraf:demo",
    "environment": {
      "INFLUXDB_HOST": "{{influxdbHost}}"
    }
  }
]
```

### NOTE

`INFLUXDB_HOST` expects the port in the URI.- `{{dockerHub}}` will be your private organization repository.

Once this package is installed, metrics will be sent to your [InfluxDB](#) server.