OpenVox View

OpenVoxDB dashboard with some nice features

inspired by PuppetBoard

Agenda

Hello, I'm Sebastian

About me

I'm a Cloud Engineer working at ServiceERP

Maybe you know me as "Spritzgebaeck" on the internet

I'm a PMC member for 2.5 years and in my free time, I'm chairman of the hackerspace "Forschung und Technik e.V."

Sometimes I'm also streaming some development (also development on OpenVox View) on Twitch as "derkellernerd."

I'm happily married to a beautiful wife and we have an awesome daughter.

Why OpenVox View?

- I had serious problems with deploying Puppetboard and its Python dependencies.

- System upgrades broke the Python components.

- There were some issues that needed a rewrite of some core functions.

- Puppetboard is a mix with server side rendered html and some frontend js ajax calls

Architecture

- Backend written in Go

- Frontend written in Vue 3 (with Quasar Framework)

- Delivered as one binary.

Features

Features

Pre-defined Views

```yaml
views:
  - name: 'Inventory'
    facts:
      - name: 'Hostname'
        fact: 'trusted'
        renderer: 'hostname'
      - name: 'IP Address'
        fact: 'networking.ip'
      - name: 'OS'
        fact: 'os'
        renderer: 'os_name'
      - name: 'Kernel Version'
        fact: 'kernelrelease'
      - name: 'Puppet Version'
        fact: 'puppetversion'
```
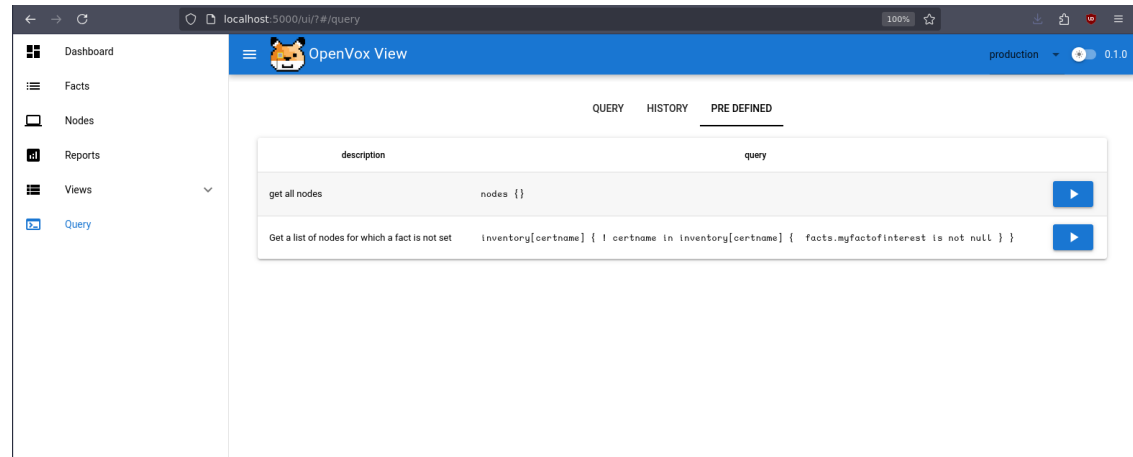
Features

Pre-defined Views

Pre-defined Queries

```
queries:
  - description: 'get all nodes'
    query: 'nodes {}'
  - description: 'Get a list of nodes for which a fact is not
    query: 'inventory[certname] { ! certname in inventory[cer
```
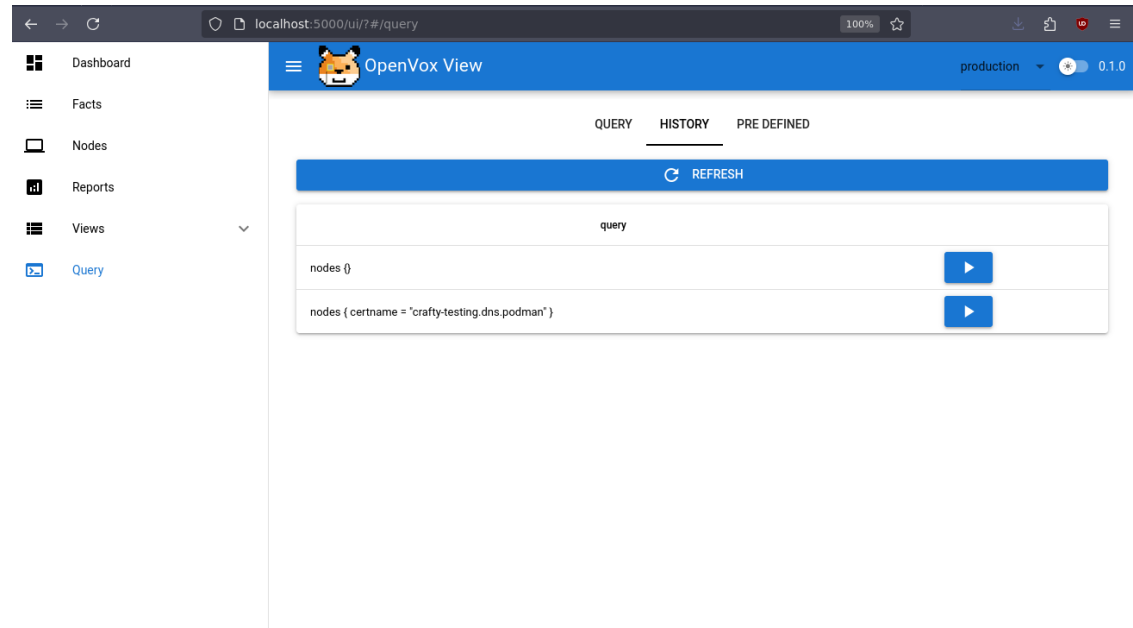
Features
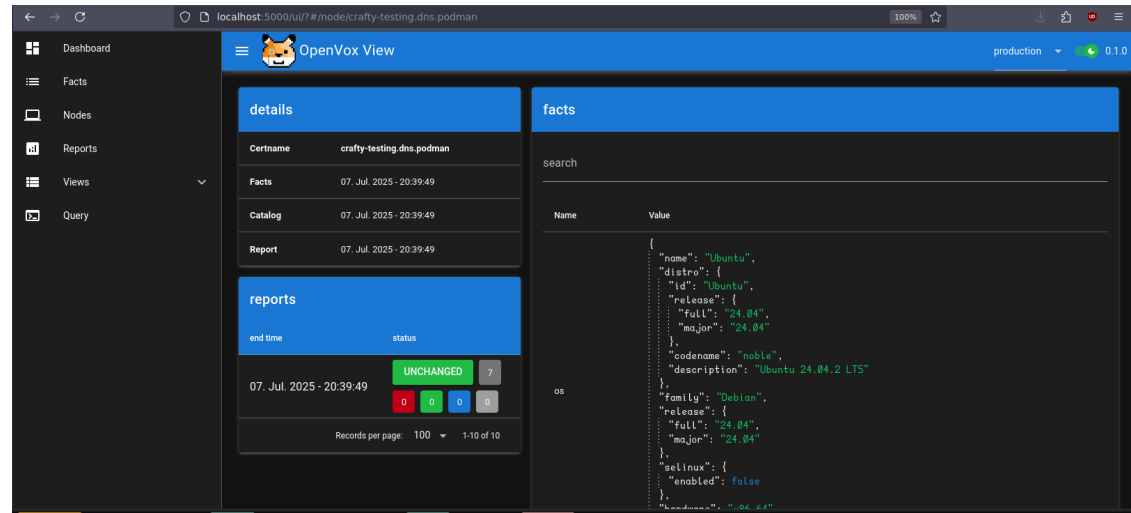
Pre-defined
Views

Pre-defined
Queries

Query History

Features

Pre-defined
Views

Pre-defined
Queries

Query History

Dark Mode

Live Demo

Hopefully this works!

Coming Features

- Authentication

Coming Features

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Coming Features

- Authentication

- Provide Metrics

Coming Features

- Authentication
- Provide Metrics
- Responsive

Coming Features

- Authentication

- Provide Metrics

- Responsive

- Your Ideas!

Thank You

Sources: https://github.com/sebastianrakel/openvoxview

Slides: https://github.com/sebastianrakel/openvoxview-presentation

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