DKAN Documentation

Release

DKAN

Jan 20, 2017

Contents

React Dash is a library for quickly building custom data visualization dashboards based on re-usable components.

CHAPTER 1

Features

- NVD3 Components
- HTML Components
- Choropleth Mapping in geoJson and topoJson
- Custom Filtering
- Custom Data Handling
- CSV Integration
- DKAN API Integration

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2.1 Getting Started

2.1.1 Starting a standalone project

- Make sure that you have npm installed on your system

- Install the react-dashboard-boilerplate project and its dependencies:

```
git clone https://github.com/NuCivic/react-dashboard-boilerplate.git
cd react-dashboard-boilerplate
npm install
npm run init
npm run dev_standalone
```

The project structure is as follows:

2.1.2 Building a DKAN project

2.2 React Dash Developer Guide

2.2.1 Overview

directory structure

```
/project_home
 app.js
 dashboard.js
 customDatahandlers.js
 /static
```

```
custom.css
your.img
```

2.2.2 Components

Provided components

Filter components

onFilter actions

Choropleth Maps

instantiating data

geojson

topojson

Creating custom components

Extending components

2.2.3 Data Handlers

Data handlers do everything

2.2.4 Theming

cards

custom css

inline styles

2.3 Examples and Uses

2.3.1 @@GOSA

2.3.2 @@ UCR Crime Data

2.3.3 Climate Data

2.4 Roadmap

The react dash project is currently under very active development. There are a number of supported projects out in the wild (see @@Examples and Uses). That said, the React Dash was developed quickly under real-world pressure to deliver projects under deadline.

2.4.1 Redux

2.4.2 Versioning

React Dash loosely follow semantic versioning (@@LINK)

2.4.3 Backwards Compatibility

Until version 1.0.0 is released, we do not guarantee backwards compatibility. We do, however, intend to maintain an upgrade path for projects implemented with earlier versions of the library.

2.5 Contribute to React Dash

@@LINK - to github page

- Report a bug

- Submit a patch or pull request

- Suggest an improvement

- Show us what you have built!