



Presentation overview

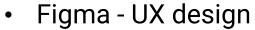
- Tools used
- Our process
- Some technical choices made
- Performance
- Configuration
- How to get involved





Tools used











• Cloudflare - software testing

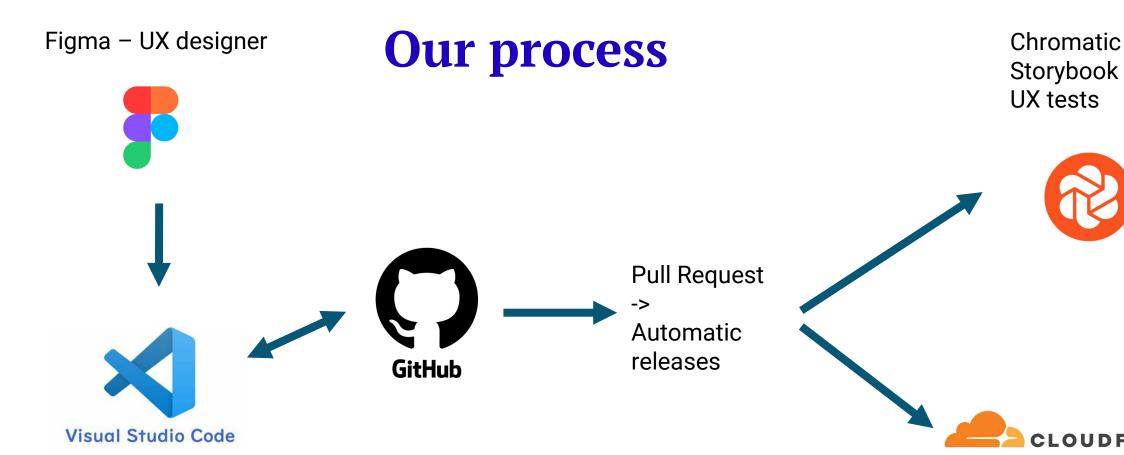










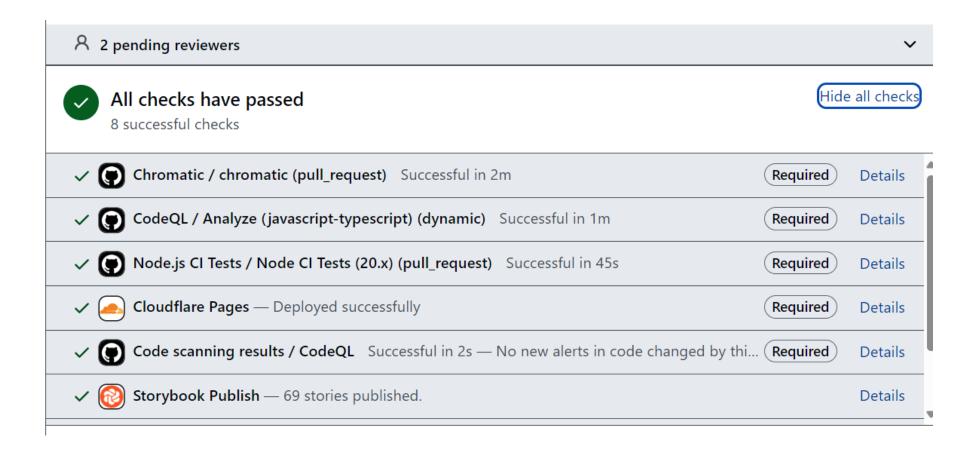


VS Code - developers



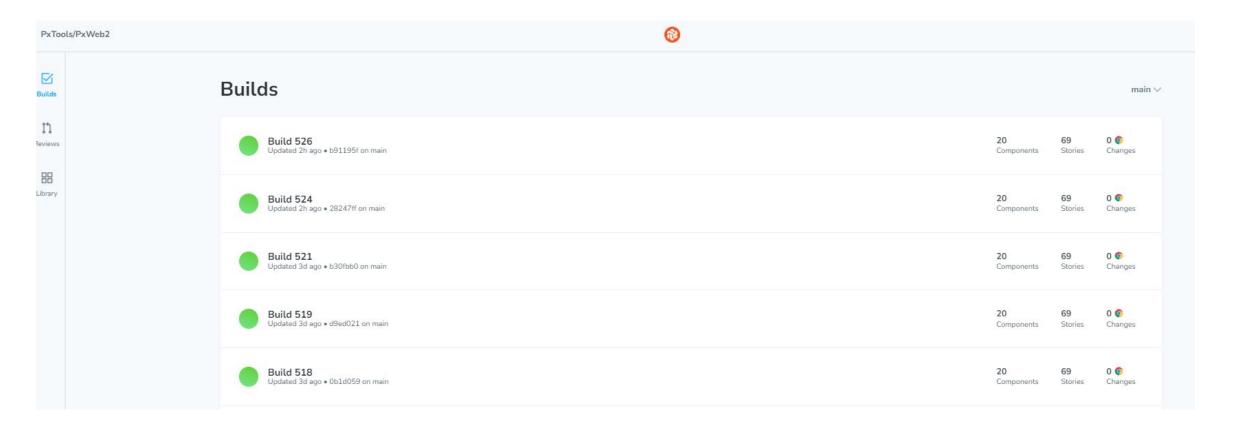


Github - Actions





Chromatic - Builds





Some technical choices made

- React
- Typscript
- Sass
- Storybook
- i18next
- Virtuoso





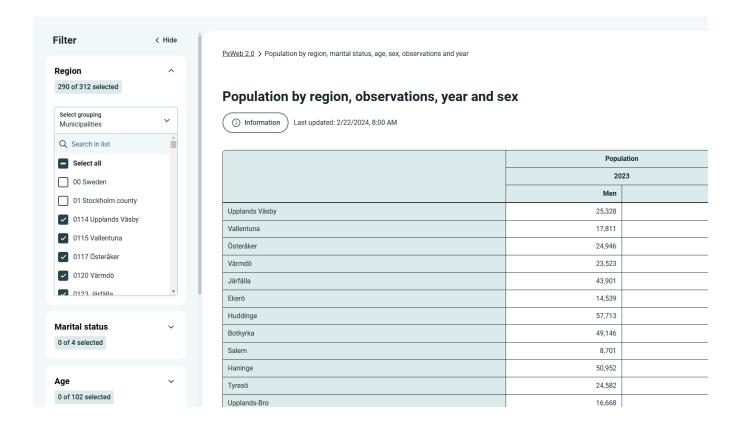
Performance

- Save state
- Algorithm
- Parallell api calls
- Only fetch data when needed
- Only fetch needed data
- Virtuoso





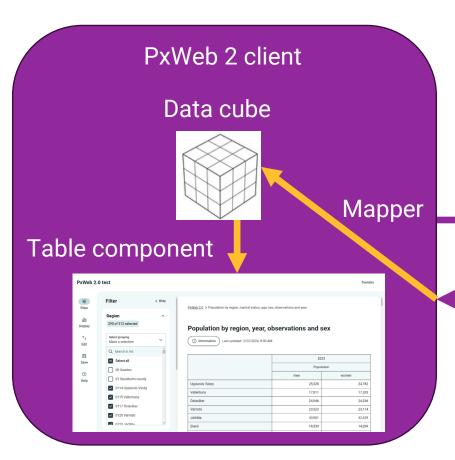
PxWeb 2.0



https://pxweb2.pages.dev/table/tab638



Only make API calls when needed



Only request data from API if its not in Data cube!

Make calls as small as possible

/tables/{id}/data

Json-stat2 generated on server

Extend cube with new data

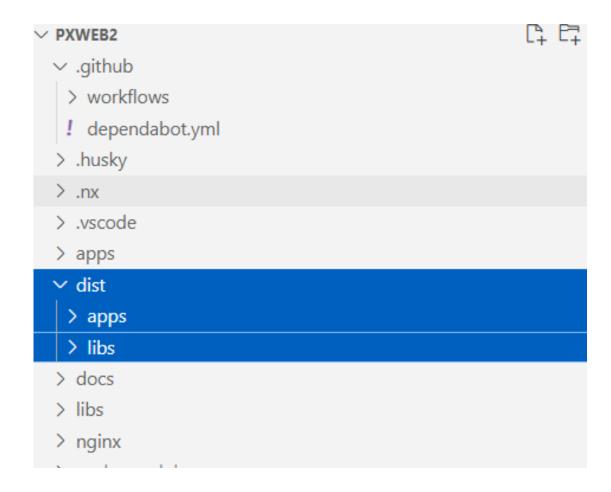
PxWebApi 2.0 Web server



Configurations



The dist folder





The dist folder

```
√ apps\pxweb2

 > assets

∨ config

  JS config.js
 > fonts
 > images

✓ locales

  > ar
  ∨ en
   {} translation.json
  > no
  > sv
 > storybook
 ∨ theme
  # variables.css
 * favicon.ico
```



config.json

```
JS window.PxWeb2Config = { Untitled-1
       window.PxWeb2Config = {
         language: {
           supportedLanguages: [
  4
             { shorthand: 'en', languageName: 'English' },
  5
             { shorthand: 'sv', languageName: 'Svenska' },
           defaultLanguage: 'en',
  8
           fallbackLanguage: 'en',
  9
         },
 10
         apiUrl: "https://api.scb.se/OV0104/v2beta/api/v2",
 11
 12
```



```
"sidemenu": {
                                                                          translation.json
 "hide": "Hide",
 "selection": {
   "title": "Filter",
    "variablebox": {
      "search": {
       "placeholder": "Search in list",
       "label": "Search",
       "arialabelicontext": "Search icon",
       "ariallabelclearbuttontext": "Clear search icon"
      "header": {
       "tag_selected": "{{selected}} of {{total}} selected",
       "tag_mandatory": "Mandatory",
       "alert no mandatory values": "You must select something in the list for the table to be displayed"
     },
      "content": {
        "select": {
         "label": "Select grouping",
          "placeholder": "Make a selection"
        "mixed_checkbox": {
         "select all": "Select all",
          "deselect all": "Deselect all"
        "values list": {
          "aria_label": "List of {{total}} values.",
          "aria_description": "The variable's list of {{total}} total values. To enter the list, press the arrow down key. The Tab key expenses the arrow down key. The Tab key expenses the arrow down key.
```



```
:root {
 --px-border-radius-none: 0;
 --px-border-radius-xxsmall: 0.5px;
 --px-border-radius-xsmall: 2px;
 --px-border-radius-small: 4px;
 --px-border-radius-medium: 8px;
 --px-border-radius-large: 16px;
 --px-border-radius-xlarge: 24px;
 --px-border-radius-full: 9999px;
 --px-color-background-default: □#FFFFFF;
 --px-color-background-subtle: □#F0F8F9;
 --px-color-base-white: □#FFFFFF;
 --px-color-blue-200: □#C3E6FE;
 --px-color-bluegray-300: □#9BC4C5;
 --px-color-bluegray-700: ■#2F555B;
 --px-color-bluegray-900: ■#162327;
 --px-color-surface-default: □#FFFFFF;
 --px-color-surface-subtle: □#F0F8F9;
 --px-color-surface-moderate: □#DBEBEB;
 --px-color-surface-inverted: ■#274247;
 --px-color-surface-highlight: □#ECFEED;
 --px-color-surface-action: ■#274247;
 --px-color-surface-action-hover: ■#274247;
 --px-color-surface-action-active: ■#162327;
 --px-color-surface-action-subtle-hover: □#DBEBEB;
 --px-color-surface-action-subtle-active: □ #C3DCDC;
 --px-color-surface-info-subtle: □#D7ECFE;
 --px-color-surface-info-moderate: □#C3E6FE;
 --px-color-surface-success-subtle: □ #DBF5DC;
 --px-color-surface-success-moderate: □#B6E8B8;
 --px-color-surface-warning-subtle: ☐#FBF1C0;
```





How to get involved

https://pxweb2.pages.dev/

https://github.com/PxTools/PxWeb2

https://github.com/PxTools/PxWebApi



Time for questions?

