

Soldi e Politica

<http://www.soldiepolitica.it/>

Git Repository: <https://github.com/gchiara/integritywatch-it>

(You can contact girardelli.chiara@gmail.com to request access to the repository or to request that the repository be made public.)

This web application is created using JavaScript and the Vue.js framework (<https://vuejs.org/>), PHP and HTML.

The charts and tables are created using the d3.js and dc.js libraries.

The application uses yarn (<https://yarnpkg.com/>) as package manager and is bundled using parcel.js (<https://parceljs.org/>).

How to edit the application

1. Clone the github repository
2. Install dependencies (eg. *yarn install*)
3. Edit the source files as required
4. View the edits locally by running the “*yarn run dev*” command and starting a local web server inside the public\ directory (for example: *php -S localhost:8081*)
5. Build the application by running the “*yarn run build*” command
6. Commit and push the edits to the repository
7. Upload the content of the public\ directory to the FTP (or pull from the repository making sure the public\ folder is set as the web root)

Styling

The styling is done with SASS, with the scss syntax.

The application uses 2 .scss files: one for the about page and one for the pages displaying data.

The .scss files are located in: *src\scss*

Additionally, the vue components have their own styling inside the component's files.

Charts Headers

The header area of the charts boxes is a vue.js component. It takes the title and text for the popup description as prop attributes.

```
<chart-header :title="titleText" :info="infoText" :chartid="chartId"></chart-header>
```

The titles, description texts and chart ids for each chart are defined in the *vuedata* object of the related page/tab.

The chart header component also handles the chart images creation when clicking on the download/chart charts buttons. The image URI is generated here and then sent to the *save-image.php* file to be saved in the *public\images\charts* folder.

File Structure

- **node_modules**
external dependencies files
- **public**
contains php files, html files, datasets, vendor files for some js libraries and the bundled/compiled application files (.js and .css).
 - **data**
contains the datasets
 - **images**
contains the images used on the application
 - **charts**
contains the charts images generated by the application
 - **static**
contains the bundled/compiled application files (.js and .css)
 - **vendor**
Contains the vendor files for some js libraries
 - **.php and .html files for the application sections/pages**
- **src**
the source files of the application
 - **assets**
 - **components**
Contains the charts header and loader .vue components
 - **scss**
contains the source sass (.scss) styling files for the application
 - **source .js files for the sections of the application**

Pages/Sections

1) Finanziamento politico

Datasets used: donazioni.csv, persone.csv

Content: 2 pie charts, 4 row charts, main table, details modal that displays additional information when clicking on a table row.

2) Interessi privati

Datasets used: interessi-privati.csv, persone.csv

Content: 2 pie charts, 3 row charts, 1 choropleth map, main table, details modal that displays additional information when clicking on a table row.

3) Info

An about page with static textual content.

Data

The application uses the following datasets:

donazioni.csv

Used in the “finanziamento politico” section.

Type: csv (file converted to csv from Excel/Google Sheets)

Source: provided by TI Italy

Columns:

declaration_id,donation_id_transparency,donation_amount,donation_range,donation_type,donation_year,donation_date,donation_origin,recipient_id_transparency,person_id_transparency,recipient_type,recipient_person_entry,recipient_last_name,recipient_name,recipient_party,donor_id_transparency,company_id_transparency,person_id_transparency,donor_type,donor_person_entry,donor_last_name_01,donor_name_01,donor_gender_01,donor_last_name_02,donor_name_02,donor_gender_02,source_name,additional_notes,record_date_of_entry

interessi-privati.csv

Used in the “interessi privati” section.

Type: csv (file converted to csv from Excel/Google Sheets)

Source: provided by TI Italy

Columns:

private_interest_id,company_id_openpolis,company_id_transparency,person_id_openpolis,person_id_transparency,company_name,company_vat,company_type,company_headquarter_address,company_headquarter_municipality,company_headquarter_province,company_sector_description,company_transparency_sector,company_turnover_range,company_employees_range,person_company_role,person_company_role_starting_date,person_company_share %

persone.csv

Used in the “finanziamento politico” and “interessi privati” sections.

Type: csv (file converted to csv from Excel/Google Sheets)

Source: provided by TI Italy

Columns:

Name_entry, person_id_openpolis, person_id_transparency, person_last_name, person_name, person_date_of_birth, person_place_of_birth, person_province_of_birth, person_gender, person_institution, tag_sectors_topics, government_or_legislature, person_institutional_role, person_political_group, person_political_party, person_list_of_election, person_district_of_election, person_date_of_entry_into_office, person_date_of_entry_into_group, person_date_of_end_of_office, person date of end of group, fiscal code

Other datasets:

These additional datasets are used for displaying the Italy map chart.

- limits IT provinces.topo.json

- limits_IT_regions.topo.json
- regioni.csv