Instalación Entorno Desarrollo

Crear en C:/ el directorio c:/siare

Buscar en GITLAB el repositorio siare-dev y copiar la url para clonar

Desde la carpeta siare

Clonar el proyecto siare-dev

https://git.hacienda.gov.py/siare-dev/siare-dev.git

Mudarse al directorio siare-dev

Si la rama esta en main mudarse (checkout) a la rama v1.0

```
morlcha@D943 MINGW64 /c/siare/siare-dev (v1.0)
$ ls -l
total 165096
-rw-r--r-- 1 morlcha 1049089      2941 Aug  9 09:37 README.md
drwxr-xr-x 1 morlcha 1049089         0 Aug  9 09:42 dev-tools/
drwxr-xr-x 1 morlcha 1049089         0 Aug  9 09:47 home/
-rwxr-xr-x 1 morlcha 1049089      2288 Aug  9 09:37 instalar.sh*
drwxr-xr-x 1 morlcha 1049089         0 Aug  9 09:37 mauven/
drwxr-xr-x 1 morlcha 1049089         0 Aug  9 09:37 scripts/
-rwxr-xr-x 1 morlcha 1049089      5618 Aug  9 09:37 siare-cli.sh*
-rw-r--r-- 1 morlcha 1049089 169028992 Aug  9 09:33 siare-ext-1.0.zip
-rw-r--r-- 1 morlcha 1049089      1235 Aug  9 09:37 siare.bat
```

Cambiarse al directorio dev-tools

Se copia el NODE Version 14.21.

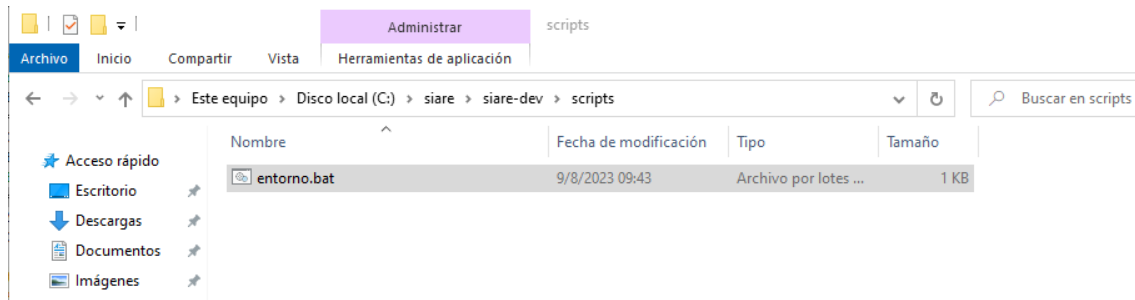Descomprimir el archivo node-v14.21.3-win-x64.zip y copiar la carpeta
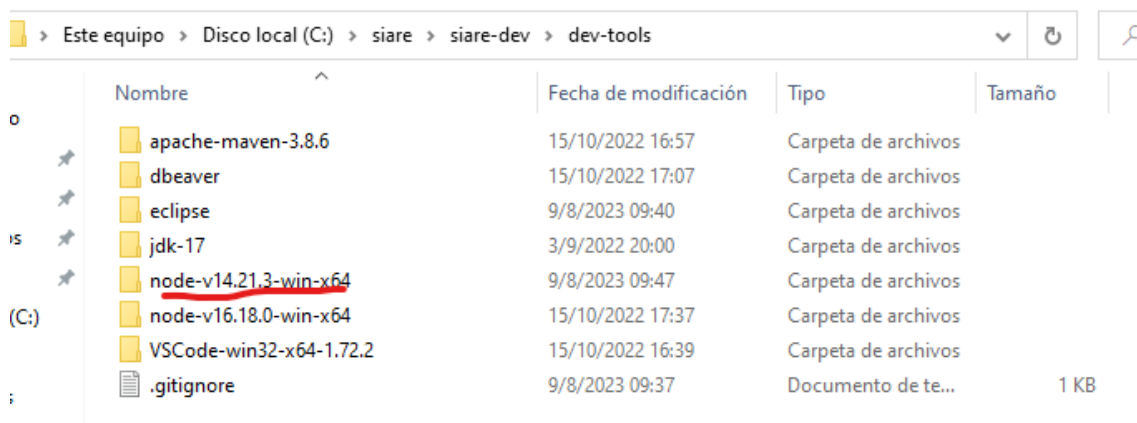
Modificar el Archivo entorno.bat

Ir al Directorio C:\siare\siare-dev\scripts

Editar el archivo entorno.bat

Para que NODE_HOME apunte al directorio del Note recién copiado

```
set "NODE_HOME=%SIARE_HOME%\dev-tools\node-v14.21.3-win-x64"
```

```
@echo off

rem ***************** Entorno SIARE v1.0 ************************
rem @autor Franco Prieto
set "SIARE_HOME=%cd%"
set "JAVA_HOME=%SIARE_HOME%\dev-tools\jdk-17"
set "ECLIPSE_HOME=%SIARE_HOME%\dev-tools\eclipse"
set "MAVEN_HOME=%SIARE_HOME%\dev-tools\apache-maven-3.8.6"
rem set "NODE_HOME=%SIARE_HOME%\dev-tools\node-v16.18.0-win-x64"
set "NODE_HOME=%SIARE_HOME%\dev-tools\node-v14.21.3-win-x64"
set "VSCODE_HOME=%SIARE_HOME%\dev-tools\VSCode-win32-x64-1.72.2"
set "DBEAVER_HOME=%SIARE_HOME%\dev-tools\dbeaver"

set "PATH=%SystemDrive%\windows\system32;%JAVA_HOME%\bin;%VSCODE_HOME%\bin;%MAVEN_HOME%\bin;%ECLIPSE_HOME%;%NODE_HOME%;%DBEAVER_HOME%"
set "APPDATA=%SIARE_HOME%\home\AppData\Roaming"
set "LOCALAPPDATA=%SIARE_HOME%\home\AppData\Local"
set "TEMP=%SIARE_HOME%\home\AppData\Temp"
set "TMP=%SIARE_HOME%\home\AppData\Temp"
set "USERPROFILE=%SIARE_HOME%\home"
set "HOMEDRIVE=%CD:~0,2%"
set "HOMEPATH=%cd:~2%\home"

set "ECLIPSE_WORKSPACE=%SIARE_HOME%\workspace"
```

Instalacion de aplicaciones

Desde el directorio C:\siare\siare-dev\

Ejecutar ./instalar.sh

Este comando instala las aplicaciones contenidas en C:\siare\siare-dev\dev-tools

Nombre	Fecha de modificación	Tipo	Tar
apache-maven-3.8.6	15/10/2022 16:57	Carpeta de archivos	
dbeaver	15/10/2022 17:07	Carpeta de archivos	
eclipse	9/8/2023 09:40	Carpeta de archivos	
jdk-17	3/9/2022 20:00	Carpeta de archivos	
node-v14.21.3-win-x64	9/8/2023 09:47	Carpeta de archivos	
node-v16.18.0-win-x64	15/10/2022 17:37	Carpeta de archivos	
VSCode-win32-x64-1.72.2	15/10/2022 16:39	Carpeta de archivos	
.gitignore	9/8/2023 09:37	Documento de te...	

Setear variables de entorno de Desarrollo

Este comando

Desde el directorio C:\siare\siare-dev\

Ejecutar ./ siare.bat

Este comando establece las variables de entorno para al ambiente de desarrollo

```
*********** ENTORNO SIARE ******************
SIARE_HOME=C:\siare\siare-dev
JAVA_HOME=C:\siare\siare-dev\dev-tools\jdk-17
openjdk version "17" 2021-09-14
OpenJDK Runtime Environment (build 17+35-2724)
OpenJDK 64-Bit Server VM (build 17+35-2724, mixed mode, sharing)
MAVEN_HOME=C:\siare\siare-dev\dev-tools\apache-maven-3.8.6
Apache Maven 3.8.6 (84538c9988a25aec085021c365c560670ad80f63)
Maven home: C:\siare\siare-dev\dev-tools\apache-maven-3.8.6
Java version: 17, vendor: Oracle Corporation, runtime: C:\siare\siare-dev\dev-tools\jdk-17
Default locale: es_PY, platform encoding: Cp1252
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"
ECLIPSE_HOME=C:\siare\siare-dev\dev-tools\eclipse
name=Eclipse Platform
id=org.eclipse.platform
version=4.25.0
NODE_HOME=C:\siare\siare-dev\dev-tools\node-v14.21.3-win-x64
v14.21.3
DBEAVER_HOME=C:\siare\siare-dev\dev-tools\dbeaver
name=DBeaver
id=org.jkiss.dbeaver.product
version=22.2.2
VSCODE_HOME=C:\siare\siare-dev\dev-tools\VSCode-win32-x64-1.72.2
1.72.2
d045a5eda657f4d7b676dedbfa7aab8207f8a075
x64
ECLIPSE_WORKSPACE=C:\siare\siare-dev\workspace
****************************************
Comandos disponibles:
eclipse     [ejecuta el ide eclipse]
mvn         [ejecuta el maven]
node        [ejecuta el node.js]
npm         [ejecuta el gestor de paquetes node]
code        [ejecuta el ide visual code]
dbeaver     [ejecuta el editor de base de datos]
****************************************
```

Para clonar los distintos Proyectos al Repositorio local.

Ir al Directorio C:\siare\siare

Crear el directorio workspace y cambiarse al mismo

Ir al Directorio C:\siare\siare-dev

Copiar el archivo siare-cli.sh desde C:\siare\siare-dev a C:\siare\workspace

Desde a C:\siare\workspace

Ejecutar el sgte comando

```
./siare-cli.sh clonar-todo
```

Este comando es para clonar los proyectos desde el respositorio de gitlab sin tener que ejecutar git clone por cada proyecto.

Obs.: el proyecto ngx-siare-front No esta incluido al ejecutar este comando.

Clonar Manualmente el Proyecto ngx-siare-front

Dentro del directorio workspace

```
$ git clone https://git.hacienda.gov.py/siare-dev/ngx-siare-front.git
```

```
morlcha@D943 MINGW64 /c/siare/workspace
$ ls -l
total 112
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:45 back-auditoria-cliente/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:45 back-auditoria-servidor/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:45 back-autenticacion/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-bienes/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:45 back-bnf-conector/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-common/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:45 back-dncp-conector/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-formulacion/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:45 back-notificacion/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:45 back-postgis-conector/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-presupuesto/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-report-server/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-siaf-conector/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-sinarh-conector/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-tesoreria/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 back-usuarios/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:51 ngx-siare-front/
-rwxr-xr-x 1 morlcha 1049089 5618 Aug  9 09:41 siare-cli.sh*
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-bienes/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-common/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-conector-externo/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-conector-interno/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-formulacion/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-presupuesto/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-seguridad/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-soporte/
drwxr-xr-x 1 morlcha 1049089    0 Aug  9 09:59 siare-dto-tesoreria/

morlcha@D943 MINGW64 /c/siare/workspace
$ git clone https://git.hacienda.gov.py/siare-dev/ngx-siare-front.git
```

Abrir proyecto ngx-siare-front en VS Code

Abrir VS Code

Abrir la carpeta C:\siare\workspace\ngx-siare-front
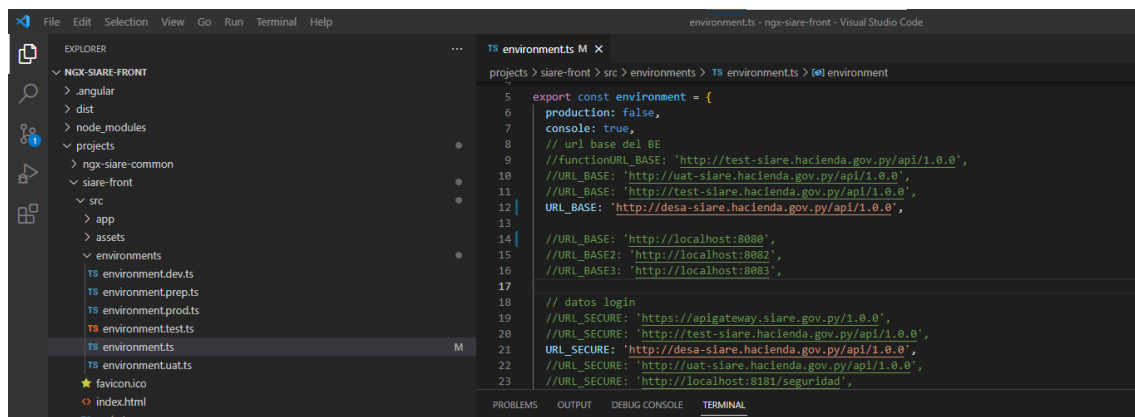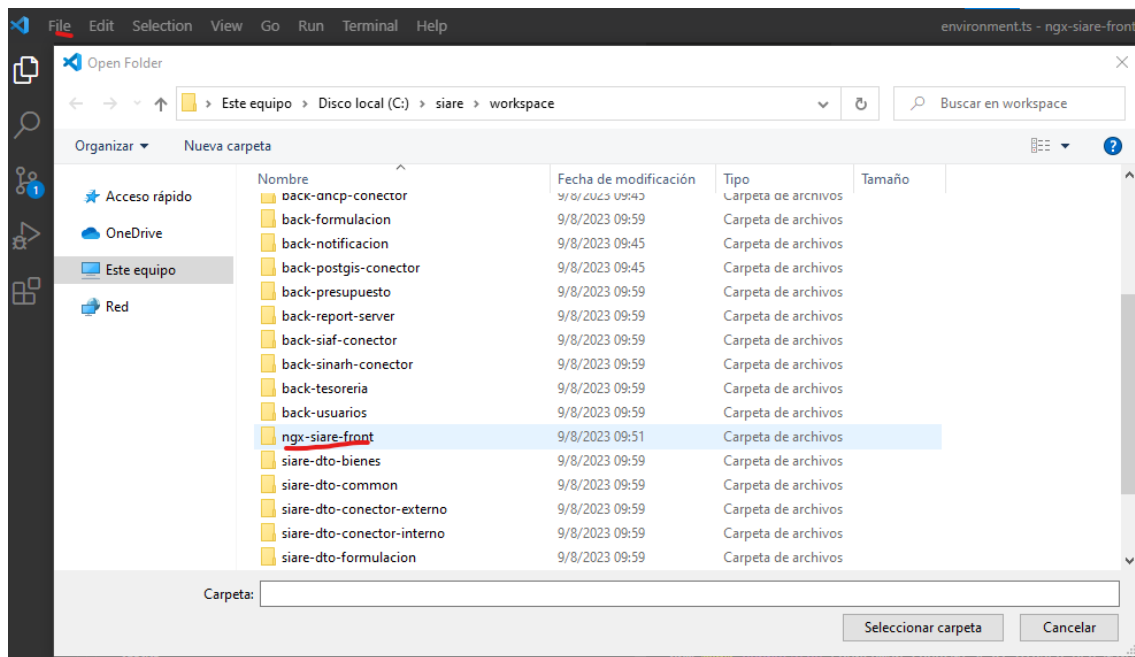
Verificar versiones de Node y npm

Abrir nueva terminal en NODE (BASH o CMD)

Node debe ser versión 14.21.3

Npm debe ser 6.14.18

Instalar Angular-CLI 13.3.1

npm install -g @angular/cli@13.3.1

Verificar instalación y versión delAngular CLI

ng version

```
    _                      _              ____ _     ___
   / \   _ __   __ _ _   _| | __ _ _ __  / ___| |   |_ _|
  / _ \ | '_ \ / _` | | | | |/ _` | '__|| |   | |    | |
 / ___ \| | | | (_| | |_| | | (_| | |   | |___| |___ | |
/_/   \_\_| |_|\__, |\__,_|_|\__,_|_|    \____|_____|___|
               |___/

Angular CLI: 13.3.11
Node: 14.21.3
Package Manager: npm 6.14.18
OS: win32 x64

Angular: 13.4.0
... common, core

Package                           Version
-----------------------------------------------------------
@angular-devkit/architect         0.1303.11
@angular-devkit/build-angular     13.3.11
@angular-devkit/core              13.3.11
@angular-devkit/schematics        13.3.11
@angular/animations               13.3.12
@angular/cdk                      13.3.9
@angular/cli                      13.3.11
@angular/compiler                 13.3.12
@angular/compiler-cli             13.3.12
@angular/forms                    13.3.12
@angular/localize                 13.3.12
@angular/platform-browser         13.3.12
@angular/platform-browser-dynamic 13.3.12
@angular/router                   13.3.12
@schematics/angular               13.3.11
ng-packagr                        13.3.1
rxjs                              6.6.7
typescript                        4.6.4
```

Instalar librerías de Angular

Desde la terminal en VS Code en el directorio de ngx-siare-front

Npm install

```
morlcha@D943 MINGW64 /c/siare/workspace/ngx-siare-front (develop)
$ npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
npm WARN deprecated core-js@3.20.3: core-js@<3.23.3 is no longer maintained and not recommended for usage due to the number of issues. Because of the V8 engine whims, feat
ure detection in old core-js versions could cause a slowdown up to 100x even if nothing is polyfilled. Some versions have web compatibility issues. Please, upgrade your de
pendencies to the actual version of core-js.
npm WARN deprecated @npmcli/move-file@1.1.2: This functionality has been moved to @npmcli/fs
npm WARN deprecated source-map-resolve@0.6.0: See https://github.com/lydell/source-map-resolve#deprecated
npm WARN deprecated @npmcli/move-file@2.0.1: This functionality has been moved to @npmcli/fs

> core-js@3.20.3 postinstall C:\siare\workspace\ngx-siare-front\node_modules\@angular-devkit\build-angular\node_modules\core-js
> node -e "try{require('./postinstall')}catch(e){}"

Thank you for using core-js ( https://github.com/zloirock/core-js ) for polyfilling JavaScript standard library!

The project needs your help! Please consider supporting of core-js:
> https://opencollective.com/core-js
> https://patreon.com/zloirock
> https://paypal.me/zloirock
> bitcoin: bc1qlea7544qtsmj2rayg0lthvza9fau63ux0fstcz

Also, the author of core-js ( https://github.com/zloirock ) is looking for a good job -)


> core-js@3.32.0 postinstall C:\siare\workspace\ngx-siare-front\node_modules\core-js
> node -e "try{require('./postinstall')}catch(e){}"

Thank you for using core-js ( https://github.com/zloirock/core-js ) for polyfilling JavaScript standard library!

The project needs your help! Please consider supporting core-js:
> https://opencollective.com/core-js
> https://patreon.com/zloirock
> https://boosty.to/zloirock
> bitcoin: bc1qlea7544qtsmj2rayg0lthvza9fau63ux0fstcz

I highly recommend reading this: https://github.com/zloirock/core-js/blob/master/docs/2023-02-14-so-whats-next.md


> esbuild@0.14.22 postinstall C:\siare\workspace\ngx-siare-front\node_modules\@angular-devkit\build-angular\node_modules\esbuild
> node install.js


> esbuild@0.14.54 postinstall C:\siare\workspace\ngx-siare-front\node_modules\ng-packagr\node_modules\esbuild
> node install.js
```

Compilar los proyectos

```
morlcha@D943 MINGW64 /c/siare/workspace/ngx-siare-front (develop)
$ ng build
Building Angular Package


------------------------------------------------------------------------
Building entry point 'ngx-siare-common'
------------------------------------------------------------------------
✓ Compiling with Angular sources in Ivy partial compilation mode.
.: Generating FESM2020WARNING: Use of eval is strongly discouraged, as it poses security risks and may cause issues with minification
✓ Generating FESM2020
.: Generating FESM2015WARNING: Use of eval is strongly discouraged, as it poses security risks and may cause issues with minification
✓ Generating FESM2015
✓ Copying assets
i Removing devDependencies section in package.json.
✓ Writing package manifest
✓ Built ngx-siare-common


------------------------------------------------------------------------
Built Angular Package
 - from: C:\siare\workspace\ngx-siare-front\projects\ngx-siare-common
 - to:   C:\siare\workspace\ngx-siare-front\dist\ngx-siare-common
------------------------------------------------------------------------

Build at: 2023-08-09T13:51:25.691Z - Time: 17615ms
```

Compilar el proyecto siare-front específicamente

Ng build siare-front

```
$ ng build siare-front
Generating browser application bundles (phase: setup)...Processing legacy "View Engine" libraries:
- @elastic/apm-rum-angular [es2015/esm2015] (git+https://github.com/elastic/apm-agent-rum-js.git)
Encourage the library authors to publish an Ivy distribution.
✓ Browser application bundle generation complete.
✓ Copying assets complete.
✓ Index html generation complete.

Initial Chunk Files                                                        | Names                            | Raw Size
vendor.js                                                                  | vendor                           |  10.97 MB |
main.js                                                                    | main                             |   2.95 MB |
styles.css                                                                 | styles                           |   1.05 MB |
scripts.js                                                                 | scripts                          | 408.65 kB |
polyfills.js                                                               | polyfills                        | 133.55 kB |
runtime.js                                                                 | runtime                          |  13.97 kB |

                                                                           | Initial Total                    |  15.51 MB

Lazy Chunk Files                                                           | Names                            | Raw Size
projects_siare-front_src_app_pages_contabilidad_contabilidad_module_ts.js  | contabilidad-contabilidad-module |   3.29 MB |
projects_siare-front_src_app_pages_presupuesto_presupuesto_module_ts.js    | presupuesto-presupuesto-module   |   2.82 MB |
projects_siare-front_src_app_pages_tesoreria_tesoreria_module_ts.js        | tesoreria-tesoreria-module       |   2.21 MB |
default-node_modules_xlsx_xlsx_mjs.js                                      | xlsx                             | 876.56 kB |
node_modules_html2canvas_dist_html2canvas_js.js                           | html2canvas                      | 431.36 kB |
node_modules_canvg_lib_index_es_js.js                                     | canvg                            | 427.35 kB |
node_modules_dompurify_dist_purify_js.js                                  | dompurify                        |  64.79 kB |
projects_siare-front_src_app_pages_auditoria_auditoria_module_ts.js        | auditoria-auditoria-module       |  27.58 kB |
common.js                                                                  | common                           |  18.86 kB |

Build at: 2023-08-09T13:53:23.867Z - Hash: 244f59defc929b01 - Time: 82249ms

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@elastic\apm-rum-core\dist\es\opentracing\tracer.js depends on 'opentracing/lib/span'. CommonJS or AMD dependencie
s can cause optimization bailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@elastic\apm-rum-core\dist\es\opentracing\tracer.js depends on 'opentracing/lib/tracer'. CommonJS or AMD dependenc
ies can cause optimization bailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@turf\convex\dist\es\index.js depends on 'concaveman'. CommonJS or AMD dependencies can cause optimization bailout
s.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@turf\line-intersect\dist\es\index.js depends on 'geojson-rbush'. CommonJS or AMD dependencies can cause optimizat
ion bailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@turf\line-overlap\dist\es\index.js depends on 'deep-equal'. CommonJS or AMD dependencies can cause optimization b
```

Levantar el proyecto

Ng serve siare-front

```
morlcha@D943 MINGW64 /c/siare/workspace/ngx-siare-front (develop)
$ ng serve siare-front
✓ Browser application bundle generation complete.

Initial Chunk Files                                                        | Names                            | Raw Size
vendor.js                                                                  | vendor                           |  11.14 MB |
main.js                                                                    | main                             |   2.95 MB |
styles.css, styles.js                                                      | styles                           |   1.22 MB |
scripts.js                                                                 | scripts                          | 408.65 kB |
polyfills.js                                                               | polyfills                        | 306.04 kB |
runtime.js                                                                 | runtime                          |  14.12 kB |

                                                                           | Initial Total                    |  16.02 MB

Lazy Chunk Files                                                           | Names                            | Raw Size
projects_siare-front_src_app_pages_contabilidad_contabilidad_module_ts.js  | contabilidad-contabilidad-module |   3.29 MB |
projects_siare-front_src_app_pages_presupuesto_presupuesto_module_ts.js    | presupuesto-presupuesto-module   |   2.82 MB |
projects_siare-front_src_app_pages_tesoreria_tesoreria_module_ts.js        | tesoreria-tesoreria-module       |   2.21 MB |
default-node_modules_xlsx_xlsx_mjs.js                                      | xlsx                             | 876.56 kB |
node_modules_html2canvas_dist_html2canvas_js.js                           | html2canvas                      | 431.36 kB |
node_modules_canvg_lib_index_es_js.js                                     | canvg                            | 427.35 kB |
node_modules_dompurify_dist_purify_js.js                                  | dompurify                        |  64.79 kB |
projects_siare-front_src_app_pages_auditoria_auditoria_module_ts.js        | auditoria-auditoria-module       |  27.58 kB |
common.js                                                                  | common                           |  18.86 kB |

Build at: 2023-08-09T13:54:32.811Z - Hash: f2ced532497eb4c9 - Time: 54585ms

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@elastic\apm-rum-core\dist\es\opentracing\tracer.js depends on 'opentracing/lib/span'. CommonJS or AMD dependencie
s can cause optimization bailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@elastic\apm-rum-core\dist\es\opentracing\tracer.js depends on 'opentracing/lib/tracer'. CommonJS or AMD dependenc
ies can cause optimization bailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@turf\convex\dist\es\index.js depends on 'concaveman'. CommonJS or AMD dependencies can cause optimization bailout
s.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@turf\line-intersect\dist\es\index.js depends on 'geojson-rbush'. CommonJS or AMD dependencies can cause optimizat
ion bailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

Warning: C:\siare\workspace\ngx-siare-front\node_modules\@turf\line-overlap\dist\es\index.js depends on 'deep-equal'. CommonJS or AMD dependencies can cause optimization b
ailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies
```

Abrir en el browser la url http://localhost:4200/

TETÃ VIRU
MOHENDAPY
Motenondeha

Ministerio de
HACIENDA

JOSE_DUARTE
MINISTERIO DE HACIENDA
ADMINISTRADOR DE ALTA DE BIENES
TIPO DE PERFIL: INSTITUCIONAL
GESTIÓN: 2023

Buscar menú

SIARE

Notificaciones

Transversal

Administración de Bienes y
Servicios