

i18n flyway-present-FE

nemzetköziesítés === Set up Angular i18n:

Források:

youtube angular non-standalone i18n with en.json button clicking

<https://www.youtube.com/watch?v=ZWfq-yhGgcQ>

<https://www.youtube.com/watch?v=hlz0OglmT0Q>

<https://github.com/ngx-translate/core> md file

https://www.w3schools.com/w3css/tryit.asp?filename=tryw3css_theme_blue

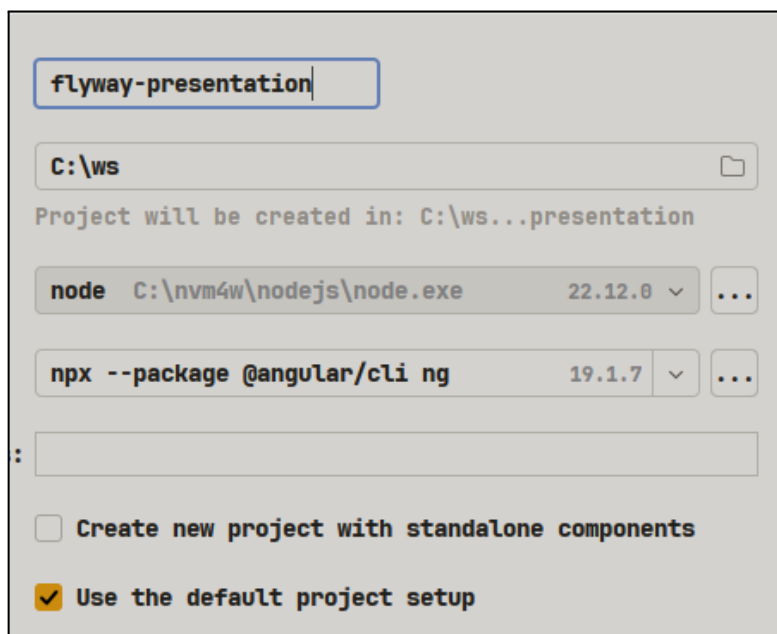
[Color Palettes](#)

https://www.w3schools.com/colors/colors_palettes.asp

IJ IDEA bármely projekt megnyitva \ Terminal

- PS C:\ws> **nvm list**
22.12.0
* 16.19.1 (Currently using 64-bit executable)
- PS C:\ws> **nvm use 22.12.0**
Now using node v22.12.0 (64-bit)
- PS C:\ws> **nvm list**

* 22.12.0 (Currently using 64-bit executable)
16.19.1



TALÁN:

src/styles.css:

```

/* You can add global styles to this file, and also import other style files */
body {
  font-family: Arial, sans-serif;
  background-color: #d6d6e0; /* #5b9aa0; #cfe0e8; #b7d7e8; #f1e3dd; */
}

.accordion-button {
  cursor: pointer;
  background-color: #bccad6;
  color: #667292;
}

.accordion-button:hover {
  background-color: #8d9db6;
}

.accordion-content {
  display: none;
  padding: 10px;
  background-color: white;
}

.accordion-content.show {
  display: block;
}

.fade-in-image {
  opacity: 0;
  transition: opacity 1s ease-in-out;
}

.fade-in-image.show {
  opacity: 1;
}

```

Bootstrap:

npm i bootstrap

angular.json:

```

"styles": [
  "node_modules/bootstrap/dist/css/bootstrap.min.css",
  "src/styles.css"
],
"scripts": [
  "node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"
]
},

```

ng g c components/navbar

ng g c components/intro

ng g c components/quickstart

ng g c components/how-todo

```
ng g c components/in-feedback-project
ng g c components/cv-hu
ng g c components/cv-en
ng g c components/cv-de
ng g c components/about-this-project
```

app.comp.html:

```
<app-navbar></app-navbar>
<router-outlet></router-outlet>
```

app-routing.module.ts:

- `import` .. minden alábbi route-ban megadott komponenst

```
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
...
```

```
const routes: Routes = [
  {path: '', component: IntroComponent},
  {path: 'intro', component: IntroComponent},
  {path: 'quickstart', component: QuickstartComponent},
  {path: 'in-feedback-project', component: InFeedbackProjectComponent },
  {path: 'know-how', component: HowTodoComponent},
  {path: 'cv-hu', component: CvHuComponent},
  {path: 'cv-en', component: CvEnComponent},
  {path: 'cv-de', component: CvDeComponent},
  {path: 'about-this-project', component: AboutThisProjectComponent},
  {path: '**', component: IntroComponent}
];
```

```
@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }
```

app.module.ts:

- for the configuration before configuration need to add few packages

```
ng add @angular/localize
```

- to able for localization

```
npm install @ngx-translate/core --save
```

```
npm install @ngx-translate/http-loader --save
```

Iménti 3 command biztos kellett, de alábbi 3 command szerintem NEM KELL:

```
ng extract-i18n --output-path src/locale
```

package.json: -ba bekerültek ugye?:

```
{
  "name": "flyway-present-il8n",
  "version": "0.0.0",
  "scripts": {
    "ng": "ng",
    "start": "ng serve",
    "build": "ng build",
    "watch": "ng build --watch --configuration development",
    "test": "ng test"
  },
  "private": true,
  "dependencies": {
    "@angular/animations": "^19.1.0",
    "@angular/common": "^19.1.0",
    "@angular/compiler": "^19.1.0",
    "@angular/core": "^19.1.0",
    "@angular/forms": "^19.1.0",
    "@angular/platform-browser": "^19.1.0",
    "@angular/platform-browser-dynamic": "^19.1.0",
    "@angular/router": "^19.1.0",
    "@ngx-translate/core": "^16.0.4",
    "@ngx-translate/http-loader": "^16.0.1",
    "bootstrap": "^5.3.3",
    "rxjs": "~7.8.0",
    "tslib": "^2.3.0",
    "zone.js": "~0.15.0"
  },
  "devDependencies": {
    "@angular-devkit/build-angular": "^19.1.8",
    "@angular/cli": "^19.1.8",
    "@angular/compiler-cli": "^19.1.0",
    "@angular/localize": "^19.1.7",
    "@types/jasmine": "~5.1.0",
    "jasmine-core": "~5.5.0",
    "karma": "~6.4.0",
    "karma-chrome-launcher": "~3.2.0",
    "karma-coverage": "~2.2.0",
    "karma-jasmine": "~5.1.0",
    "karma-jasmine-html-reporter": "~2.1.0",
    "typescript": "~5.7.2"
  }
}
```

tsconfig.app.json: -ba bekerült ugye?:

```
/* To learn more about Typescript configuration file:
https://www.typescriptlang.org/docs/handbook/tsconfig-json.html. */
/* To learn more about Angular compiler options:
https://angular.dev/reference/configs/angular-compiler-options. */
{
  "extends": "./tsconfig.json",
  "compilerOptions": {
    "outDir": "./out-tsc/app",
    "types": [
      "@angular/localize"
    ]
  },
  "files": [
    "src/main.ts"
  ]
}
```

```

],
"include": [
  "src/**/*.d.ts"
]
}

```

app.module.ts:

- for the configuration (before it needed:

```

import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

```

```

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';

```

```

import { ReactiveFormsModule } from '@angular/forms';
import { NavbarComponent } from './components/navbar/navbar.component';
import { IntroComponent } from './components/intro/intro.component';
import { QuickstartComponent } from './components/quickstart/quickstart.component';
import { HowTodoComponent } from './components/how-todo/how-todo.component';
import { InFeedbackProjectComponent } from './components/in-feedback-project/in-feedback-project.component';

```

```

import { TranslateLoader, TranslateModule } from '@ngx-translate/core';
import { TranslateHttpLoader } from '@ngx-translate/http-loader';

```

```

import { HttpClient, HttpClientModule } from '@angular/common/http';

```

```

export function HttpLoaderFactory(http: HttpClient) {
  return new TranslateHttpLoader(http, './i18n/', '.json'); // <- public/i18n/*.json
}

```

```

@NgModule({
  declarations: [
    AppComponent,
    NavbarComponent,
    IntroComponent,
    QuickstartComponent,
    HowTodoComponent,
    InFeedbackProjectComponent,
    EnglishComponent,
    GermanComponent,
    HungarianComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    ReactiveFormsModule,
    HttpClientModule,

```

```

    TranslateModule.forRoot({
      loader: {

```

```

    provide: TranslateLoader,
    useFactory: HttpLoaderFactory,
    deps: [HttpClient],
  },
})

```

```

],

providers: [],
bootstrap: [AppComponent]
}))
export class AppModule { }

```

app.comp.ts:

```

import { Component } from '@angular/core';
import { TranslateService } from '@ngx-translate/core';

```

```

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  standalone: false,
  styleUrls: ['./app.component.css']
})

```

```

export class AppComponent {
  title = 'flyway-present-i18n';

```

```

  constructor(private translateService: TranslateService) {

```

```

    // javascriptes a navigator.language, ha nincs, akkor 'en' legyen default
    const userLang = navigator.language || 'en';
    const languageCode = userLang.split('-')[0]; // en-US stb. esetén kisedi
    this.translateService.setDefaultLang(languageCode);
    this.translateService.use(languageCode);

```

```

  }
}

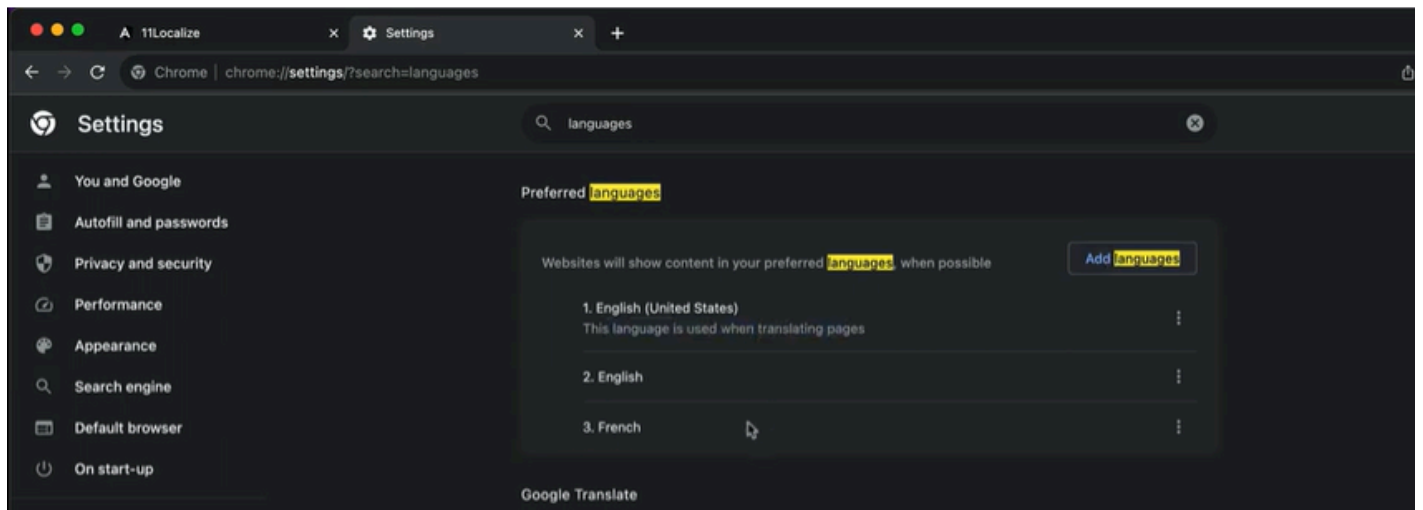
```

```

}

```

Webböngészőben lang set:



public/i18n/de.json:

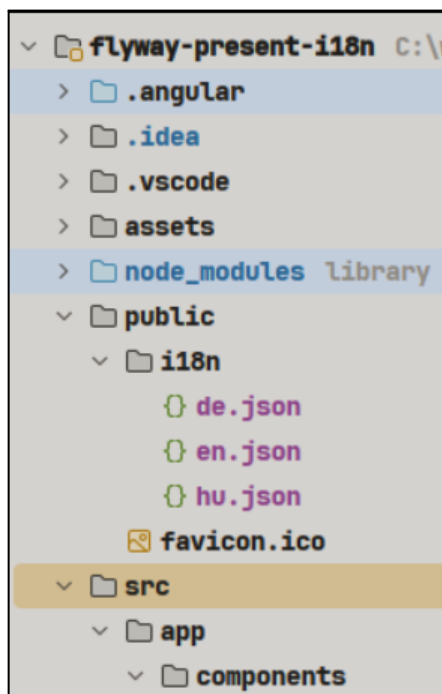
```
{
  "act_lang": "de (German)"
}
```

public/i18n/en.json:

```
{
  "act_lang": "en (English)"
}
```

public/i18n/hu.json:

```
{
  "act_lang": "hu (Hungarian)"
}
```



navbar.css:

```
.topush{
  margin-left: 30px;
}

.dropdown-item {
  font-family: 'Arial', sans-serif;
```

```

font-size: 16px;
font-weight: bold;
padding: 5px 5px 5px 5px;
color: #999;
}

.dropdown-menu {
color: #ddd;
background-color: #333;
}

.dropdown-item:hover {
background-color: #f8f9fa;
color: #0056b3;
}

.fade-in-image {
opacity: 0;
transition: opacity 1s ease-in-out;
}

.fade-in-image.show {
opacity: 1;
}

@keyframes fadeInOut {
0%, 100% {
opacity: 2;
}
50% {
opacity: 0.1;
}
}

.fade-text {
animation: fadeInOut 5s infinite;
}

.fade-text:hover {
color: #ffffff; /* Bright white */
}

```

index.html:

- drop down működéséhez

```

<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>FlywayPresentationFE</title>
<base href="/">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/x-icon" href="favicon.ico">

```

<!-- CV almenüpontok lenyílásához szükséges: -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">


```
</head>
```

```
<body>
```

```
<app-root></app-root>
```

```
<!-- CV almenüpontok lenyíltához szükséges: -->
```

```
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"></script>
```

```
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
```

```
</body>
```

```
</html>
```

navbar.html:

- a translate egy @ngx-translate/core import függvény

```
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
```

```
<a class="navbar-brand topush fade-text" href="#">Flyway Presentation</a>
```

```
<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
```

```
<span class="navbar-toggler-icon"></span>
```

```
</button>
```

```
<div class="collapse navbar-collapse" id="navbarNav">
```

```
<div class="navbar-nav">
```

```
<a class="nav-item nav-link" routerLink="intro">Intro</a>
```

```
<a class="nav-item nav-link" routerLink="quickstart">Quick_start</a>
```

```
<a class="nav-item nav-link" routerLink="know-how">Know&How</a>
```

```
<a class="nav-item nav-link" routerLink="in-feedback-project">Feedback_project</a>
```

```
<a class="nav-item nav-link" (click)="translateHuText('hu')">HU</a>
```

```
<a class="nav-item nav-link" (click)="translateDeText('de')">DE</a>
```

```
<a class="nav-item nav-link" (click)="translateEnText('en')">EN</a>
```

```
<a class="navbar-brand topush" href="#">{{ "act_lang" | translate }}</a>
```

```
<div class="nav-item dropdown">
```

```
<a class="navbar-brand topush dropdown-toggle"
```

```
href="#" id="cvDropdown" role="button" data-toggle="dropdown"
```

```
aria-haspopup="true" aria-expanded="false"
```

```
style="font-size: 18px;"
```

```
>&nbsp;CV
```

```
</a>
```

```
<div class="dropdown-menu" aria-labelledby="cvDropdown" >
```

```
<a class="dropdown-item" routerLink="cv-hu">HU CV</a>
```

```
<a class="dropdown-item" routerLink="cv-en">EN CV</a>
```

```
<a class="dropdown-item" routerLink="cv-de">DE CV</a>
```

```
</div>
```

```
</div>
```

```
<a class="nav-item nav-link fade-text" routerLink="about-this-project" style="font-family: 'David Libre';
font-style: italic; font-size: 20px;">About This</a>
```

```
</div>
```

```
</div>
```

```
</nav>
```

navbar.ts:

```

import { Component } from '@angular/core';
import { TranslateService } from '@ngx-translate/core';
import { HttpClient } from '@angular/common/http';

@Component({
  selector: 'app-navbar',
  standalone: false,
  templateUrl: './navbar.component.html',
  styleUrls: ['./navbar.component.css']
})

export class NavbarComponent {

  constructor(private translateService: TranslateService, private http: HttpClient) {

    // javascriptes a navigator.language, ha nincs, akkor 'en' legyen default
    const userLang = navigator.language || 'en';
    const languageCode = userLang.split('-')[0]; // en-US stb. esetén kieszedi
    this.translateService.setDefaultLang(languageCode);
    this.translateService.use(languageCode);
  }

  translateEnText(lang: string) {
    this.translateText(lang);
  }

  translateHuText(lang: string) {
    this.translateText(lang);
  }

  translateDeText(lang: string) {
    this.translateText(lang);
  }

  translateText(lang: string){
    console.log("hahó " + lang);
    this.translateService.use(lang); // állítsd át erre a nyelvet
    this.http.get(`/public/i18n/${lang}.json`).subscribe();
  }
}

```

angular.json:

- angular.json fájlban állítsd be, hogy hol vannak a locales .json fájljaid!
 - az általad létrehozott public/i18n/ directory-ban vannak,
 - amire ráállítottad az app.modul.ts fájlban az "export function HttpLoaderFactory"-dat,
 - és ehhez kell még az angular.json fájlban az assets **"input": "public"** is.

```

"projects": {
  "flyway-present-i18n": {
    "projectType": "application",
    "schematics": {
      "@schematics/angular:component": {
        "standalone": false
      },
      "@schematics/angular:directive": {

```

```

    "standalone": false
  },
  "@schematics/angular:pipe": {
    "standalone": false
  }
},
"i18n": {
  "sourceLocale": "en",
  "locales": {
    "de": "public/i18n/de.json",
    "hu": "public/i18n/hu.json"
  }
},
"root": "",

```

angular.json: így egyelőre jó, így maradjon:

```

"assets": [
  {
    "glob": "**/*",
    "input": "public"
  }
],
"styles": [
  "src/styles.css"
],

```

Források:

[How To View PDF In Angular JS \(Easy Method\)](https://www.youtube.com/watch?v=37OrZlel9YA&t=6s)

<https://www.youtube.com/watch?v=37OrZlel9YA&t=6s>

<https://www.npmjs.com/package/ng2-pdf-viewer>

[How to view PDF file in Angular 17?](#)

<https://www.youtube.com/watch?v=SEQDmJDTcko>

[compressed.tracemonkey-pldi-09.pdf](#) <https://mozilla.github.io/pdf.js/web/viewer.html>

npm i ng2-pdf-viewer

npm install ng2-pdf-viewer --save**app.module.ts**

```
import {PdfViewerModule} from 'ng2-pdf-viewer';
```

```
imports: [
  BrowserModule,
  AppRoutingModule,
  ReactiveFormsModule,
  HttpClientModule,
  TranslateModule.forRoot({
    loader: {
      provide: TranslateLoader,
      useFactory: HttpLoaderFactory,
      deps: [HttpClient],
    }
  }),
  PdfViewerModule,
  FormsModule
],
```

index.html:

```
<!doctype html>
<html lang="en">
<head>
```

```

<meta charset="utf-8">
<title>FlywayPresent18n</title>
<base href="/">
<meta http-equiv="Content-Security-Policy"
  content="script-src 'self'; blob: https://cdn.jsdelivr.net; object-src 'self';"
  name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
  <app-root></app-root>
</body>
</html>

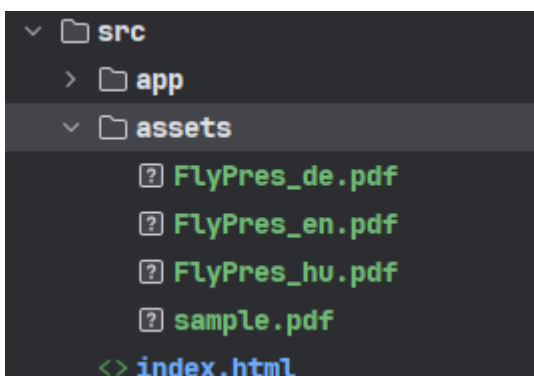
```

ng s

PDF → flyway-present-FE

src/assets directory létrehozása:

- src / app / components
- src / assets (new directory-t hozd létre):
 - összes pdf fájlaidat másold ide



angular.json:

- kb. a 30. sornál, nem lent a testnél !!!

```

{
  "projects": {
    "your-project-name": {

```

```

    "architect": {
      "build": {
        "options": {
          "assets": [
            "src/assets",
            "src/favicon.ico"
          ]
        }
      }
    }
  }
}

```

angular.json:

- kb. a 30. sornál, nem lent a testnél !!!
- íme a teljes egész angular.json fájl:

```

{
  "$schema": "./node_modules/@angular/cli/lib/config/schema.json",
  "version": 1,
  "newProjectRoot": "projects",
  "projects": {
    "flyway-presentation-FE": {
      "projectType": "application",
      "schematics": {
        "@schematics/angular:component": {
          "standalone": false
        },
        "@schematics/angular:directive": {
          "standalone": false
        },
        "@schematics/angular:pipe": {
          "standalone": false
        }
      },
      "i18n": {
        "sourceLocale": "en",
        "locales": {
          "de": "public/i18n/de.json",
          "hu": "public/i18n/hu.json"
        }
      },
      "root": "",
      "sourceRoot": "src",
      "prefix": "app",
      "architect": {
        "build": {
          "builder": "@angular-devkit/build-angular:application",
          "options": {
            "outputPath": "dist/flyway-present-i18n",
            "index": "src/index.html",
            "browser": "src/main.ts",
            "polyfills": [
              "zone.js",

```

```

        "@angular/localize/init"
      ],
      "tsConfig": "tsconfig.app.json",
      "assets": [
        "src/assets", // itt vannak a pdf fájljaim
        "src/favicon.ico",
        {
          "glob": "**/*",
          "input": "public"
        }
      ],
      "styles": [
        "node_modules/bootstrap/dist/css/bootstrap.min.css",
        "src/styles.css"
      ],
      "scripts": [
        "node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"
      ]
    },
  ],
  ...
  ..
  ...

```

intro.html:

```

<p>intro works!</p>
<iframe
  [src]="pdfSrc"
  style="width: 100vw; height: 100vh; border: 1px solid black;"
  frameborder="0">
</iframe>

```

intro.ts:

```

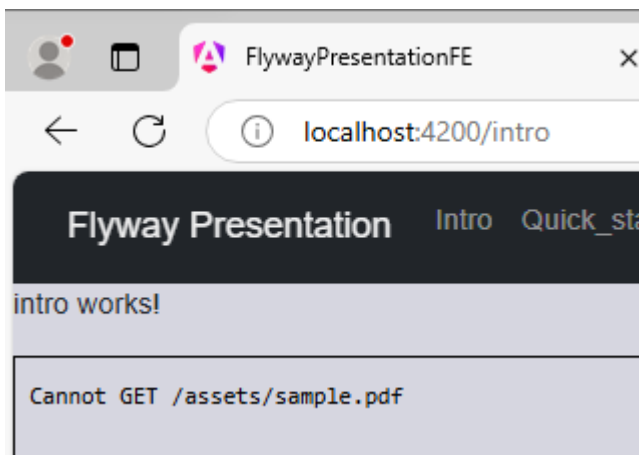
import {Component, OnInit} from '@angular/core';
import { DomSanitizer, SafeResourceUrl } from '@angular/platform-browser';

@Component({
  selector: 'app-intro',
  standalone: false,
  templateUrl: './intro.component.html',
  styleUrls: ['./intro.component.css']
})
export class IntroComponent implements OnInit {
  pdfSrc: SafeResourceUrl | any;

  constructor(private sanitizer: DomSanitizer) {}

  ngOnInit() {
    this.pdfSrc = this.sanitizer.bypassSecurityTrustResourceUrl('assets/sample.pdf');
    // this.previewurl=this.sanitizer.bypassSecurityTrustUrl("https://mozilla.github.io/pdf.js/web/viewer.html");
  }
}

```



Cannot GET /assets/sample.pdf

app.module.ts

```
import { NgModule, CUSTOM_ELEMENTS_SCHEMA } from '@angular/core';

imports: [
  BrowserModule,
  AppRoutingModule,
  // ReactiveFormsModule,
  HttpClientModule,
  TranslateModule.forRoot({
    loader: {
      provide: TranslateLoader,
      useFactory: HttpLoaderFactory,
      deps: [HttpClient],
    },
  })
],

schemas: [
  CUSTOM_ELEMENTS_SCHEMA // nekem ez most semmire se jó, NEM KELL!
],
```

angular.json-ba még beletenni:

```
{
  "$schema": "./node_modules/@angular/cli/lib/config/schema.json",
  "version": 1,
  "newProjectRoot": "projects",
  "projects": {
    "flyway-presentation-FE": {
      "projectType": "application",
      "schematics": {
        "@schematics/angular:component": {
          "standalone": false
        },
        "@schematics/angular:directive": {
          "standalone": false
        },
        "@schematics/angular:pipe": {
          "standalone": false
        }
      },
      "i18n": {
        "sourceLocale": "en",
```



```

    "locales": {
      "de": "public/i18n/de.json",
      "hu": "public/i18n/hu.json"
    },
    "root": "",
    "sourceRoot": "src",
    "prefix": "app",
    "architect": {
      "build": {
        "builder": "@angular-devkit/build-angular:application",
        "options": {
          "outputPath": "dist/flyway-presentation-fe",
          "index": "src/index.html",
          "browser": "src/main.ts",
          "polyfills": [
            "zone.js",
            "@angular/localize/init"
          ],
          "tsConfig": "tsconfig.app.json",
          "assets": [
            "src/assets",
            "src/favicon.ico",
            {
              "glob": "**/*",
              "input": "public",
              "output": "/assets" // NE! elrontja a locale translate-et
            }
          ],
          "styles": [
            "node_modules/bootstrap/dist/css/bootstrap.min.css",
            "src/styles.css"
          ],
          "scripts": [
            "node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"
          ]
        },
        "configurations": {
          "production": {
            "budgets": [
              {
                "type": "initial",
                "maximumWarning": "500kB",
                "maximumError": "1MB"
              },
              {
                "type": "anyComponentStyle",
                "maximumWarning": "4kB",
                "maximumError": "8kB"
              }
            ],
            "outputHashing": "all"
          },
          "development": {
            "optimization": false,
            "extractLicenses": false,
            "sourceMap": true
          }
        }
      },

```

```

    "defaultConfiguration": "production"
  },
  "serve": {
    "builder": "@angular-devkit/build-angular:dev-server",
    "configurations": {
      "production": {
        "buildTarget": "flyway-presentation-FE:build:production"
      },
      "development": {
        "buildTarget": "flyway-presentation-FE:build:development"
      }
    },
    "defaultConfiguration": "development"
  },
  "extract-i18n": {
    "builder": "@angular-devkit/build-angular:extract-i18n"
  },
  "test": {
    "builder": "@angular-devkit/build-angular:karma",
    "options": {
      "polyfills": [
        "zone.js",
        "zone.js/testing",
        "@angular/localize/init"
      ],
      "tsConfig": "tsconfig.spec.json",
      "assets": [
        {
          "glob": "**/*",
          "input": "public"
        }
      ],
      "styles": [
        "src/styles.css"
      ],
      "scripts": []
    }
  }
}
}
}
}
}
}
}
}
}
}

```

index.html:

EZEN <meta NYITÓ TAGBA beírás NÉLKÜL NEM JELENIK MEG AZ IFRAME -BELI PDF FÁJL!!!

index.html beillesztett meta része:

<meta

http-equiv="Content-Security-Policy"

content="script-src 'self', blob: https://cdn.jsdelivr.net, object-src 'self' " >

index.html TELJES:

<!doctype html>

<html lang="en">

```

<head>
<meta charset="utf-8">
<title>FlywayPresentationFE</title>
<base href="/">
<meta
  http-equiv="Content-Security-Policy"
  content="script-src 'self', blob: https://cdn.jsdelivr.net, object-src 'self';
  width=device-width, initial-scale=1 "
  name="viewport" >

<link rel="icon" type="image/x-icon" href="favicon.ico">
<!-- CV almenüpontok lenyíltához LETT VOLNA szükséges: -->
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body>
<app-root></app-root>
<!-- CV almenüpontok lenyíltához LETT VOLNA szükséges: -->
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>

```

Ezek után ütközés volt, a CV dropdown menüje a ... self miatt nem működött, nem nyílt le:

Refused to load the script 'https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js' because it violates the following Content Security Policy directive: "script-src 'self'". Note that 'script-src-elem' was not explicitly set, so 'script-src' is used as a fallback.

The error message indicates that the Content Security Policy (CSP) is blocking the loading of the Bootstrap JavaScript file from an external source. To resolve this, you can either adjust the CSP settings or include Bootstrap locally in your project.

Here are the steps to include Bootstrap locally:

1. ****Install Bootstrap via npm**:**

```

```sh
npm install bootstrap
```

```

2. ****Include Bootstrap CSS and JS in `angular.json`**:**

Update the `angular.json` file to include the Bootstrap CSS and JS files from the `node_modules` directory.

```

```json
{
 "projects": {
 "your-project-name": {
 "architect": {
 "build": {
 "options": {
 "styles": [
 "src/styles.css",
 "node_modules/bootstrap/dist/css/bootstrap.min.css"
],
 "scripts": [
 "node_modules/jquery/dist/jquery.min.js",
 "node_modules/@popperjs/core/dist/umd/popper.min.js",

```



```

 <div class="custom-dropdown-menu" aria-labelledby="cvDropdown">
 HU
 EN
 DE
 </div>
 </div>
 About This
</div>
</div>
</nav>

<!-- <div class="nav-item dropdown">-->
<!--
<!-- href="#" id="cvDropdown" role="button" data-toggle="dropdown"-->
<!-- aria-haspopup="true" aria-expanded="false"-->
<!-- style="font-size: 18px;"-->
<!-- >CV-->
<!-- -->
<!-- <div class="dropdown-menu" aria-labelledby="cvDropdown" >-->
<!-- HU CV-->
<!-- EN CV-->
<!-- DE CV-->
<!-- </div>-->
<!-- </div>-->
<!-- <a class="nav-item nav-link fade-text"
routerLink="about-this-project" style="font-family: 'David Libre'; font-style:
italic; font-size: 20px;">About This-->
<!-- </div>-->
<!-- </div>-->
<!--</nav>-->

```

#### navbar.css:

```

.topush{
 margin-left: 30px;
}
/* START sajátos CV dropdown */
.custom-navbar {
 background-color: #343a40;
 padding: 1rem;
}

.custom-navbar-brand {
 color: #fff;
 font-size: 1.25rem;
 text-decoration: none;
}

.custom-navbar-toggler {
 border: none;
 background: none;
}

.custom-navbar-toggler-icon {
 background-image: url("data:image/svg+xml;charset=utf8,%3Csvg viewBox='0 0 30
30' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath stroke='rgba%288, 8, 8,
0.5%29' stroke-width='2' stroke-linecap='round' stroke-miterlimit='10' d='M4
7h22M4 15h22M4 23h22'/%3E%3C/svg%3E");
}

```

```

.custom-navbar-collapse {
 display: flex;
 flex-direction: column;
}

.custom-navbar-nav {
 display: flex;
 flex-direction: column;
}

.custom-nav-item {
 color: #fff;
 padding: 0.5rem 1rem;
 text-decoration: none;
}

.custom-nav-item:hover {
 background-color: #495057;
}

.custom-dropdown {
 position: relative;
}

.custom-dropdown-toggle {
 color: #fff;
 text-decoration: none;
 cursor: pointer;
}

.custom-dropdown-menu {
 display: none;
 position: absolute;
 background-color: #343a40;
 box-shadow: 0 0.5rem 1rem rgba(0, 0, 0, 0.15);
}

.custom-dropdown:hover .custom-dropdown-menu {
 display: block;
}

.custom-dropdown-item {
 color: #fff;
 padding: 0.5rem 1rem;
 text-decoration: none;
}

.custom-dropdown-item:hover {
 background-color: #495057;
}

/* END sajátos CV dropdown */

.dropdown-item {
 font-family: 'Arial', sans-serif;
 font-size: 16px;
 font-weight: bold;
 padding: 5px 5px 5px 5px;
}

```

```
color: #999;
}

.dropdown-menu {
color: #ddd;
background-color: #333;
}
.dropdown-item:hover {
background-color: #f8f9fa;
color: #0056b3;
}
.fade-in-image {
opacity: 0;
transition: opacity 1s ease-in-out;
}

.fade-in-image.show {
opacity: 1;
}

/* Add this CSS to your styles */
@keyframes fadeInOut {
0%, 100% {
opacity: 2;
}
50% {
opacity: 0.1;
}
}

.fade-text {
animation: fadeInOut 5s infinite;
}

.fade-text:hover {
color: #ffffff; /* Bright white */
}
```