



Universidad Autónoma de Chiapas



Faculta de Contaduría y Administración Campus I

Licenciatura en Ingeniería en Desarrollo de Software

Taller de Desarrollo 4

Tarea: Examen

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Grado: 6to

Grupo: N

Fecha: 21/02/24

Creamos el Proyecto usando NPM

```
PS C:\taller_4> nest new Examen
⚡ We will scaffold your app in a few seconds..

? Which package manager would you ❤️ to use? (Use arrow keys)
> npm
  yarn
  pnpm
```

```
? Which package manager would you ❤️ to use? npm
CREATE examen/.eslintrc.js (688 bytes)
CREATE examen/.prettierrc (54 bytes)
CREATE examen/nest-cli.json (179 bytes)
CREATE examen/package.json (2015 bytes)
CREATE examen/README.md (3413 bytes)
CREATE examen/tsconfig.build.json (101 bytes)
CREATE examen/tsconfig.json (567 bytes)
CREATE examen/src/app.controller.ts (286 bytes)
CREATE examen/src/app.module.ts (259 bytes)
CREATE examen/src/app.service.ts (150 bytes)
CREATE examen/src/main.ts (216 bytes)
CREATE examen/src/app.controller.spec.ts (639 bytes)
CREATE examen/test/jest-e2e.json (192 bytes)
CREATE examen/test/app.e2e-spec.ts (654 bytes)

✓ Installation in progress... 🔄

🚀 Successfully created project examen
👉 Get started with the following commands:

$ cd examen
$ npm run start

Failed to execute command: git init
Git repository has not been initialized

Thanks for installing Nest 🙏
Please consider donating to our open collective
to help us maintain this package.
```

Creamos el Controlador

```
PS C:\Taller_4\examen2> nest g co Pagina
CREATE src/pagina/pagina.controller.ts (105 bytes)
CREATE src/pagina/pagina.controller.spec.ts (510 bytes)
UPDATE src/app.module.ts (340 bytes)
PS C:\Taller_4\examen2>
```

Instalamos HBS

```
PS C:\Taller_4\examen2> npm install --save hbs

added 7 packages, and audited 730 packages in 4s

115 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS C:\Taller_4\examen2>
```

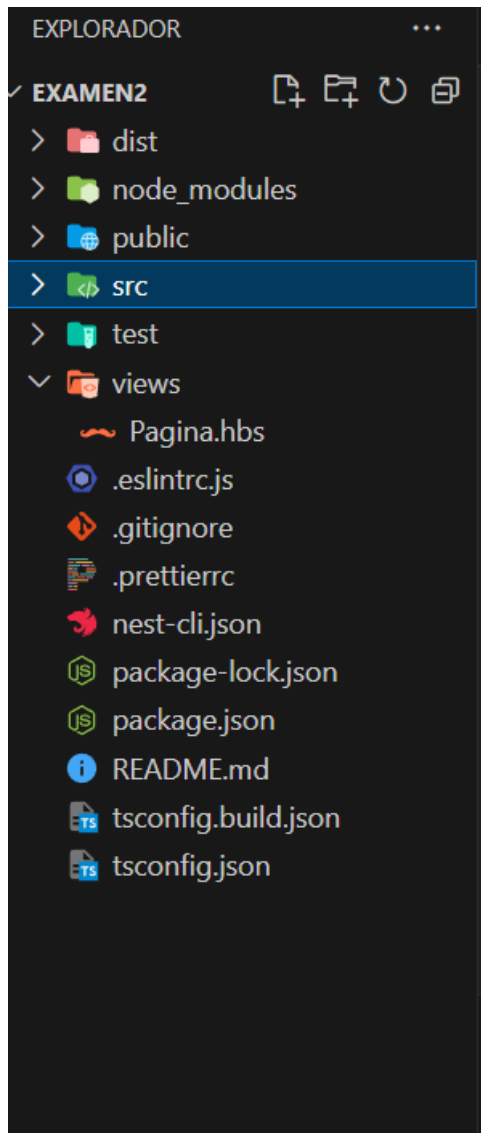
Creamos Views

```
PS C:\Taller_4\examen2> mkdir views

Directorio: C:\Taller_4\examen2

Mode                LastWriteTime         Length Name
----                -
d-----         21/02/2024   05:04 p. m.         views
PS C:\Taller_4\examen2>
```

Añadimos el hbs en views



En **main.ts** que esta en **src** configuramos el motor para las plantillas y así renderizar el html

```
src > ts main.ts > ...  
1  import { NestFactory } from '@nestjs/core';  
2  import { AppModule } from './app.module';  
3  import { NestExpressApplication } from '@nestjs/platform-express';  
4  import { join } from 'path';  
5  
6  async function bootstrap() {  
7    const app = await NestFactory.create<NestExpressApplication>(AppModule);  
8  
9    app.useStaticAssets(join(__dirname, '..', 'public'));  
10   app.setBaseViewsDir(join(__dirname, '..', 'views'));  
11   app.setViewEngine('hbs');  
12  
13   await app.listen(3000);  
14 }  
15 bootstrap();  
16
```

Definimos las rutas en el controlador

```
src > pagina > ts pagina.controller.ts > ...  
1  import { Controller, Get, Render } from '@nestjs/common';  
2  
3  @Controller('Pagina')  
4  export class PaginaController {  
5    @Get()  
6    @Render('Pagina')  
7    root(){  
8      return[]  
9    }  
10 }  
11
```

Configuramos **App.Module** que esta en **SRC**

```
src > app.module.ts > ...
1  import { Module } from '@nestjs/common';
2  import { PaginaController } from '../pagina/pagina.controller';
3
4
5  @Module({
6    imports: [],
7    controllers: [PaginaController],
8  })
9  export class AppModule {}
10
```

Ejecutamos

```
[5:16:03 p.m.] Starting compilation in watch mode...
[5:16:07 p.m.] Found 0 errors. Watching for file changes.

[Nest] 14396 - 21/02/2024, 5:16:08 p.m. LOG [NestFactory] Starting Nest application...
[Nest] 14396 - 21/02/2024, 5:16:08 p.m. LOG [InstanceLoader] AppModule dependencies initialized +14ms
[Nest] 14396 - 21/02/2024, 5:16:08 p.m. LOG [RoutesResolver] PaginaController (/Pagina): +25ms
[Nest] 14396 - 21/02/2024, 5:16:08 p.m. LOG [RouterExplorer] Mapped (/Pagina, GET) route +14ms
[Nest] 14396 - 21/02/2024, 5:16:08 p.m. LOG [NestApplication] Nest application successfully started +10ms
```



Y Terminamos



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