



Atividade 05 | Criação e Estruturação de um Projeto Modular no NestJS

- Print do terminal mostrando a versão do Node.js.

```
zen: focus
package.json - 40 yml - 100 lines (10000)
> list
> node_modules
> src
> test
> package-lock.json
> package.json
> project-description.md
> README.md
> tsconfig.build.json
> tsconfig.json

{
  "scripts": {
    "test:cov": "jest --coverage",
    "test:debug": "node --inspect-brk -r tsconfig-paths/register -r ts-node/register node_modules/.bin/jest --runInBand",
    "test:e2e": "jest --config ./test/e2e.json"
  },
  "dependencies": {
    "@nestjs/common": "^11.0.1",
    "@nestjs/core": "^11.0.1",
    "@nestjs/platform-express": "^11.0.1",
    "reflect-metadata": "^0.2.2",
    "rxjs": "^7.8.1"
  },
  "devDependencies": {
    "@nestjs/cli": "^11.0.0",
    "@nestjs/schematics": "^11.0.0",
    "@nestjs/testing": "^11.0.0",
    "@types/express": "^5.0.0",
    "@types/jest": "^30.0.0",
    "@types/node": "^22.10.0",
    "@types/supertest": "^6.0.2",
    "eslint": "^9.18.0",
    "eslint-config-prettier": "^10.0.1",
    "eslint-plugin-prettier": "^5.2.2",
    "globals": "^16.0.0",
    "jest": "^30.0.0",
    "prettier": "^3.4.2",
    "source-map-support": "^0.5.21",
    "supertest": "^7.0.0",
    "ts-jest": "^29.2.5",
    "ts-loader": "^9.5.2",
    "ts-node": "^10.9.2",
    "tsconfig-paths": "^4.2.0",
    "typescript": "^5.7.3",
    "typescript-eslint": "^8.20.0"
  },
  "jest": {
    "moduleFileExtensions": [
      "js",
      "json",
      "ts"
    ],
    "rootDir": "src",
    "testRegex": ".*\\.spec\\.ts$",
    "transform": {
      "^.+\\.tsx?$": "ts-jest"
    },
    "collectCoverageFrom": [
      "src/**/*.ts"
    ]
  }
}
```

- Print da estrutura de pastas em `src`, incluindo `app.module.ts`, `core/core.module.ts` e `shared/shared.module.ts`.

```

{
  "scripts": {
    "test:cov": "jest --coverage",
    "test:debug": "node --inspect-brk -r tsconfig-paths/register -r ts-node/register node_modules/.bin/jest --runInBand",
    "test:e2e": "jest --config ./test/jest-e2e.json"
  },
  "dependencies": {
    "@nestjsjs/common": "^11.0.1",
    "@nestjsjs/core": "^11.0.1",
    "@nestjsjs/platform-express": "^11.0.1",
    "reflect-metadata": "^0.2.2",
    "rxjs": "^7.8.1"
  },
  "devDependencies": {
    "@eslint/eslintrc": "^3.2.0",
    "@eslint/js": "^9.18.0",
    "@nestjsjs/cli": "^11.0.0",
    "@nestjsjs/schematics": "^11.0.0",
    "@nestjsjs/testing": "^11.0.1",
    "@types/express": "^4.0.0",
    "@types/jest": "^30.0.0",
    "@types/node": "^22.18.7",
    "@types/supertest": "^6.0.2",
    "eslint": "^9.18.0",
    "eslint-config-prettier": "^10.0.1",
    "eslint-plugin-prettier": "^5.2.2",
    "globals": "^15.0.0",
    "jest": "^30.0.0",
    "prettier": "^3.4.2",
    "source-map-support": "^0.5.21",
    "supertest": "^7.0.0",
    "ts-jest": "^29.2.5",
    "ts-loader": "^9.5.2",
    "ts-node": "^10.9.2",
    "tsconfig-paths": "^4.2.0",
    "typescript": "^5.7.3",
    "typescript-eslint": "^8.20.0"
  },
  "jest": {
    "moduleFileExtensions": [
      "js",
      "json",
      "ts"
    ],
    "rootDir": "src",
    "testRegex": ".*\\.spec\\.ts$",
    "transform": {
      "^.+\\.tsx?$": "ts-jest"
    },
    "collectCoverageFrom": [

```

- Print da importação de `CoreModule` e `SharedModule` dentro de `AppModule`.

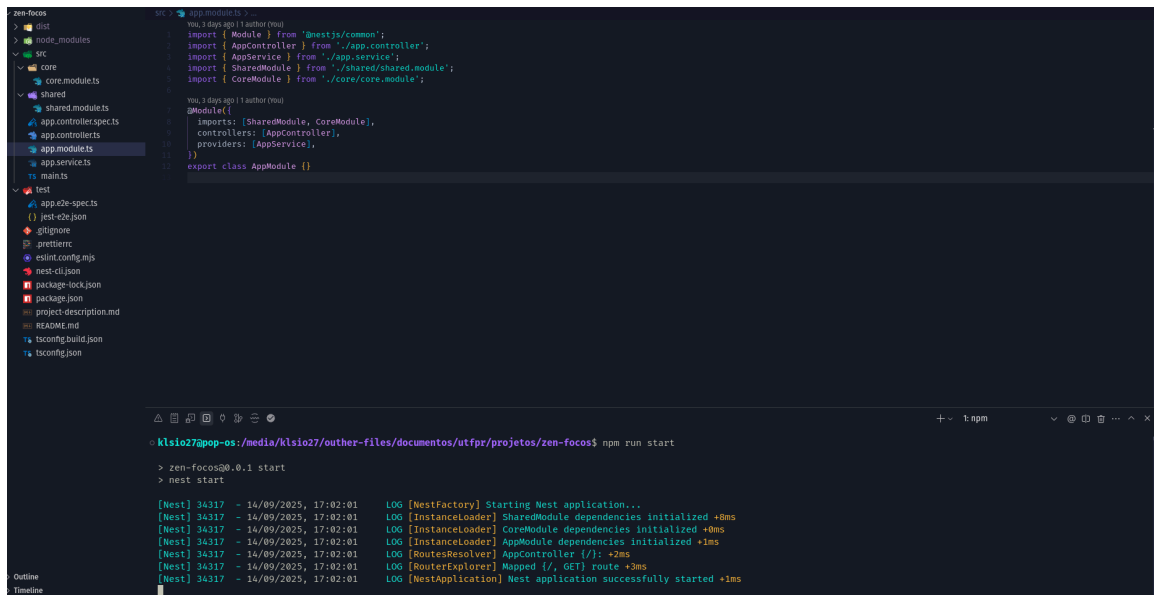
```

import { Module } from '@nestjsjs/common';
import { AppController } from './app.controller';
import { AppService } from './app.service';
import { SharedModule } from '../shared/shared.module';
import { CoreModule } from '../core/core.module';

@Module({
  imports: [SharedModule, CoreModule],
  controllers: [AppController],
  providers: [AppService],
})
export class AppModule {}

```

- Print do terminal com o servidor NestJS iniciado, indicando que o projeto está rodando corretamente.



```
app.modules.ts
1  you, 3 days ago | 1 author (you)
2  @Module({
3    imports: [ SharedModule, CoreModule ],
4    controllers: [ AppController ],
5    providers: [ AppService ],
6  })
7  export class AppModule {}
```

```
zen-focos@0.0.1 start
> nest start

[Nest] 34317 - 14/09/2025, 17:02:01 LOG [NestFactory] Starting Nest application...
[Nest] 34317 - 14/09/2025, 17:02:01 LOG [InstanceLoader] SharedModule dependencies initialized +8ms
[Nest] 34317 - 14/09/2025, 17:02:01 LOG [InstanceLoader] CoreModule dependencies initialized +0ms
[Nest] 34317 - 14/09/2025, 17:02:01 LOG [InstanceLoader] AppModule dependencies initialized +0ms
[Nest] 34317 - 14/09/2025, 17:02:01 LOG [RoutesResolver] AppController / /: +2ms
[Nest] 34317 - 14/09/2025, 17:02:01 LOG [RouterExplorer] Mapped /, GET route +3ms
[Nest] 34317 - 14/09/2025, 17:02:01 LOG [NestApplication] Nest application successfully started +1ms
```



- **Print ou descrição de uma sugestão feita pelo Copilot:**
 - Sugestão de código ao digitar `@Module({}`
 - Sugestão de comentário explicando um módulo ou parte do código.

