

Actividad # 2 Martes

1. Configurar ambiente en equipo personal

```
Símbolo del sistema
Instalando: Subsistema de Windows para Linux
Se ha instalado Subsistema de Windows para Linux.
Instalando: Ubuntu
Se ha instalado Ubuntu.
La operación solicitada se realizó correctamente. Los cambios se aplicarán una vez que se reinicie el sistema.

lizbeth12@DESKTOP-2H93M9B:~$ dfx --version
dfx 0.17.0
lizbeth12@DESKTOP-2H93M9B:~$ node --version
v20.11.1
lizbeth12@DESKTOP-2H93M9B:~$
lizbeth12@DESKTOP-2H93M9B:~$ nvm --version
0.39.7
lizbeth12@DESKTOP-2H93M9B:~$ podman --version
podman version 3.4.4
```

2. Crear una nueva developer identity

```
lizbeth12@DESKTOP-2H93M9B:~$ dfx identity new Herz
Please enter a passphrase for your identity: [hidden]
Encryption complete.
Your seed phrase for identity 'Herz': sudden wasp hazard slush silent minor forum barrel cake tunnel acoustic hat flat fan utility stuff math prevent toward same film a
larm pulse acid
This can be used to reconstruct your key in case of emergency, so write it down in a safe place.
Created identity: "Herz".
lizbeth12@DESKTOP-2H93M9B:~$ dfx identity list
Herz
anonymous
default *
```

3. Inicializar un proyecto con el CLI de Azle

```
lizbeth12@DESKTOP-2H93M9B:~$ npx azle new azle_hello_world
Need to install the following packages:
azle@0.20.2
Ok to proceed? (y) y
npm WARN deprecated text-encoding@0.7.0: no longer maintained
npm notice
npm notice New minor version of npm available! 10.2.4 -> 10.4.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.4.0
npm notice Run npm install -g npm@10.4.0 to update!
npm notice
lizbeth12@DESKTOP-2H93M9B:~$ ls
azle_hello_world
lizbeth12@DESKTOP-2H93M9B:~$ cd azle_hello_world
lizbeth12@DESKTOP-2H93M9B:~/azle_hello_world$ npm i
npm WARN deprecated text-encoding@0.7.0: no longer maintained
added 215 packages, and audited 216 packages in 57s
25 packages are looking for funding
  run 'npm fund' for details
found 0 vulnerabilities
lizbeth12@DESKTOP-2H93M9B:~/azle_hello_world$ ls
README.md  dfx.json  env.d.ts  node_modules  package-lock.json  package.json  src  test  tsconfig.json
lizbeth12@DESKTOP-2H93M9B:~/azle_hello_world$ cat package.json
{
  "scripts": {
    "build": "cd src/frontend && VITE_CANISTER_ORIGIN=http://$(dfx canister id backend).localhost:8000 vite build",
    "pretest": "ts-node --transpile-only --ignore=false --skip-project test/pretest.ts",
    "test": "ts-node --transpile-only --ignore=false --skip-project test/test.ts"
  },
  "dependencies": {
    "azle": "^0.20.2",
```

```
lizabeth12@DESKTOP-2H93M9B:~/azle_hello_world$ cat package.json
{
  "scripts": {
    "build": "cd src/frontend && VITE_CANISTER_ORIGIN=http://$(dfx canister id backend).localhost:8000 vite build",
    "pretest": "ts-node --transpile-only --ignore=false --skip-project test/pretest.ts",
    "test": "ts-node --transpile-only --ignore=false --skip-project test/test.ts"
  },
  "dependencies": {
    "azle": "^0.20.2",
    "express": "^4.18.2",
    "lit": "^3.1.2"
  },
  "devDependencies": {
    "@types/express": "^4.17.21",
    "ts-node": "^10.9.1",
    "typescript": "^5.2.2",
    "vite": "^5.0.12"
  }
}
lizabeth12@DESKTOP-2H93M9B:~/azle_hello_world$ _
```