VOIDE Project Startup & Build Guide

1. First-time Setup (Install Dependencies)

Run the installation script to prepare your workspace:

```
chmod +x install.sh dev.sh build-linux.sh
./install.sh
```

This will install all project dependencies using `pnpm` and set up the monorepo.

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2. Development Mode (Run the App While Coding)

To start the app in development mode (with hot reload for the renderer UI):

```
./dev.sh
```

This will: - Start the **renderer** (React + Vite frontend) on port 5173. - Compile the **preload** scripts. - Launch the **Electron main** process pointing at the renderer.

If port 5173 is already in use, free it with:

```
lsof -i :5173
kill -9 <PID>
```

You can also run each package individually for debugging:

```
pnpm --filter @voide/renderer dev    # start renderer only (visit http://
localhost:5173)
pnpm --filter @voide/preload dev     # watch preload compilation
pnpm --filter @voide/main dev        # launch Electron main process
```

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3. Build for Linux

To build the production version of the app on Linux:

```
./build-linux.sh
```

This compiles all packages and packages the Electron app with **electron-builder**.

4. Debian Package (.deb)

If a `.deb` package (`build.deb`) is generated, you can install it on Debian/Ubuntu systems:

```
sudo dpkg -i build.deb
```

This will install VOIDE as a system application.

5. Tips & Debugging

- If the Electron window does not appear in dev mode, check that `@voide/main` is configured to load:

```
mainWindow.loadURL("http://localhost:5173");
```

- To confirm your frontend changes are working, run only the renderer:

```
pnpm --filter @voide/renderer dev
```

Then open a browser at http://localhost:5173.
- To reset the Turbo cache if builds act stale:

```
pnpm turbo run build --force
```