





# Episode 1: Initializing Gno

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-  Installing Gno
-  Setting up a local environment

 Helpful links available in the episode description



## Prerequisites






Basic programming knowledge



Understanding of Blockchain / Web3 fundamentals



# What is **Gno.Land**?

-  A **Layer 1** Blockchain
-  Uses **Gno language** — an interpreted version of Go
-  Focus on readable, open-source smart contracts



## Core Components

- **Realms** → Smart contracts
- **Packages** → Reusable libraries



Native Token: **GnoT**

# Go Environment Setup

If Go isn't already set up, add the following to your shell config:

```
# For bash, zsh, etc.  
export PATH=$PATH:$HOME/go/bin
```

```
# For fish shell users  
set -gx PATH $PATH $HOME/go/bin
```

 Restart your shell for the changes to take effect.

## Coming Up in Episode 2

✨ Build a basic Realm (smart contract) 🚀 Deploy locally using `gnodev`

📦 Understand the `gno.mod` system 🌐 Interact with Gnoweb ✍️ Write and run smart contract tests

📌 **Example Project:** Mini social application