



# 2 - Hello Gno World



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What's Gno language?

Build and test your first dApp



Learn Gno basics • Build a mini dApp • Practice testing and good design







# Gno vs Go

- Familiar **syntax** and **standard library**



Key differences:

-  **Deterministic execution**
-  Built-in **smart contract support**
-  **No external network access**
-  **No goroutines** (yet!)



# Let's Build a Public Blog Platform



## Features:

- A **public post feed** (anyone can post)

```
type Post struct {  
    Title      string  
    Content    string  
    Author     std.Address  
    CreatedAt  time.Time  
}
```



# Let's Code It!



## Important Concepts



### Embrace global state

Realms *are* global — use them like APIs for shared data.



### Fail fast with `panic`

Panic when assumptions break — stop execution and protect contract state.







### Design for readability

Code clarity beats cleverness — smart contracts are public infra.



# Coming Next

-  Deploy and test your smart contract
-  Securely manage keys
-  Interact with testnet
-  Invoke contracts safely

 Apply what you've learned in real-world scenarios!