🏛️ GovDAO

Decentralized Governance on Gno.land

What is a DAO?

DAO = **D**ecentralized **A**utonomous **O**rganization

- **No central authority**
- **Members vote** on **Proposal** that can be **Executed** if passed
- Execution through **Smart contracts**

Two Types:

- **Permissioned** - Only invited members can participate
- **Permissionless** - Anyone can join and vote through public procedure

🌐 What is GovDAO?

GovDAO is the **Governance DAO of Gno.land**

- It is a **permissioned** DAO with **3 tiers** optional based voting
- Built with a **proxy pattern** for upgradeability

How it works:

1. 📝 DAO's members submit **proposals** through the proxy
2. 🗳️ Members **vote** based on their tier privileges
3. 🚀 Proposals can be **executed** with **supermajority** (66%)

- All voters must have **registered namespaces**

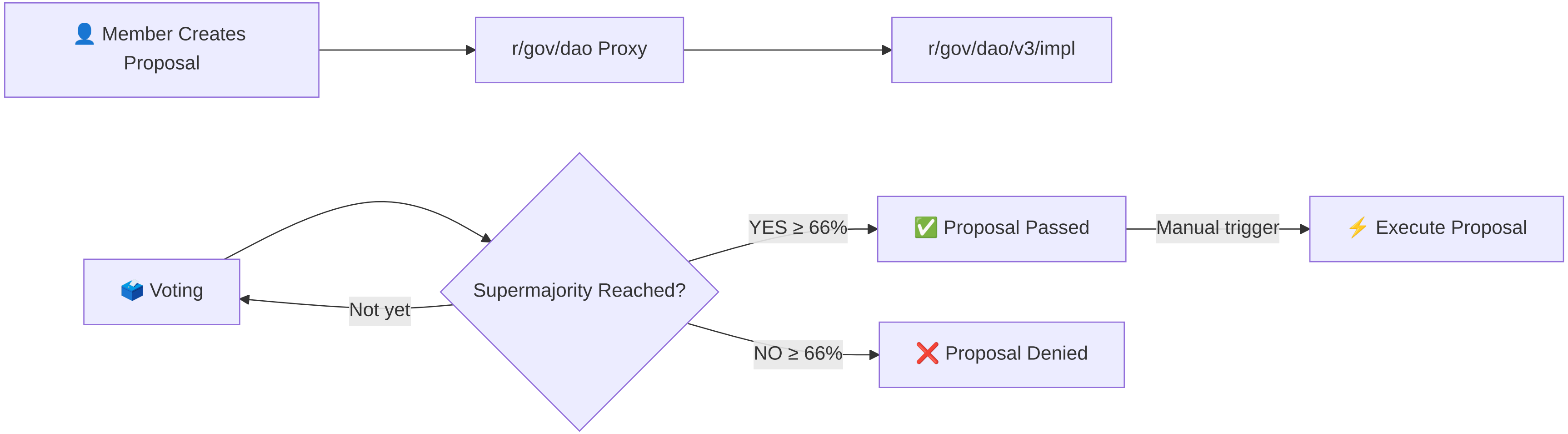
🏗️ Three-Tier Membership System

Tier-based voting is optional - depends on proposal's filter configuration

T1	T2	T3
Highest Tier	**Mid Tier**	**Base Tier**
Vote on Everything	Vote on T2 & T3	Vote on T3 Only

Tier assignment and invitation points is determined at genesis

🔄 GovDAO Flow: Creation & Voting



📝 How to Create a Proposal

Step 1: Prepare Your Executor

```go
// Simple Executor - basic execution
executor := dao.NewSimpleExecutor(
    func(realm) error {
        // Your code to execute if proposal passes
        return nil
    },
    "Description of what this will do",
)

// OR Safe Executor - only allowed DAOs can execute (Not usable in v3)
safeExecutor := dao.NewSafeExecutor(executor)
```

📝 How to Create a Proposal

Step 2: Create the Request

```go
// Basic request
request := dao.NewProposalRequest(
    "Proposal Title",
    "Detailed description...",
    executor,
)

// OR with filter (for tier-based voting)
request := dao.NewProposalRequestWithFilter(
    "Add T1 Member",
    "Proposal to add new T1 member...",
    executor,
    FilterByTier{Tier: memberstore.T1}, // Only T1 can vote
)
```

📝 How to Create a Proposal

Step 3: Submit (Members Only!)

```
proposalID, err := dao.CreateProposal(request)
```

🗳️ How to Vote on a Proposal

Requirements:

- Must be a member
- Must have a namespace (identity)
- Your tier must be allowed for this proposal
- One vote per member
- Proposal must still be open

🗳️ How to Vote on a Proposal

Find the proposal ID & submit your vote:

```
# Example gnokey command:
gnokey maketx call \
  -pkgpath "gno.land/r/gov/dao" \
  -func "MustVoteOnProposalSimple" \
  -args "123" \
  -args "YES" \
  -gas-fee "1000000ugnot" \
  -gas-wanted "2000000" \
  -broadcast \
  -chainid "staging" \
  -remote "https://rpc.test9.testnets.gno.land:443" \
  yourkeyname
```

```
dao.MustVoteOnProposalSimple(proposalID, "YES") // or "NO", "ABSTAIN"
```

🎯 What can GovDAO vote on?

- Treasury Operations
- Member Management
- Protocol Parameters
- System Configuration

💡 Execution Through Proposals

Any programmable action within Gno can be voted on!

Example: Treasury Payment Proposal

```go
        return treasury.Send(cross, treasury.Payment{
            BankerID: "coins",
            To: "g1developer...",
            Amount: "1000000ugnot",
            Memo: "Development grant",
        })
    },
    "Pay developer 1000 GNOT",
)

// Step 2: Create the proposal request
request := dao.NewProposalRequest(
    "Grant Payment Q4 2025",
    "Payment for development work on GovDAO improvements",
    executor,
)

// Step 3: Submit the proposal
proposalID, err := dao.CreateProposal(request)
```

🌍 DAOs in Blockchain

Examples:

- **The DAO (2016)** - First major experiment on Ethereum
- **SKY** (Formerly MakerDAO) - Decentralized finance and stablecoin governance
- **Uniswap DAO** - Decentralized exchange governance