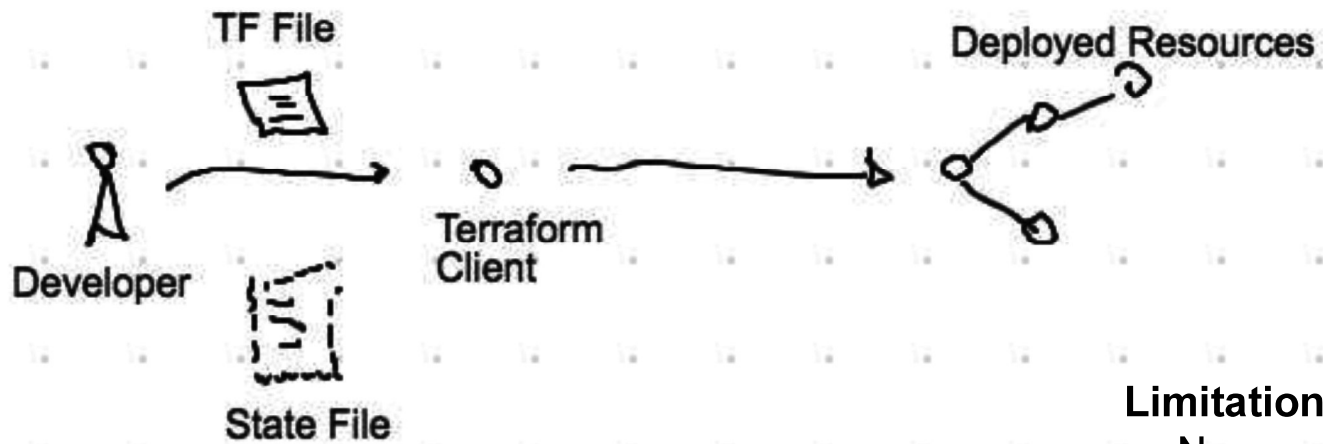




# Terraform Open Source vs Enterprise

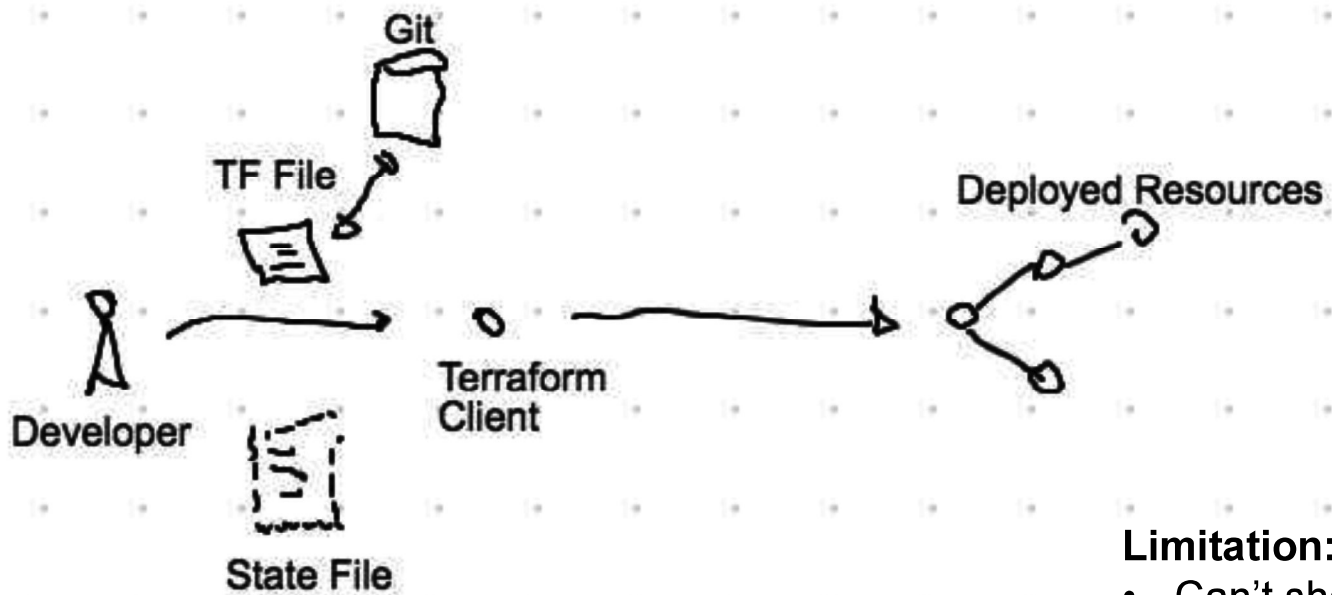
# Terraform Open Source – Phase1



## Limitation:

- No version control!

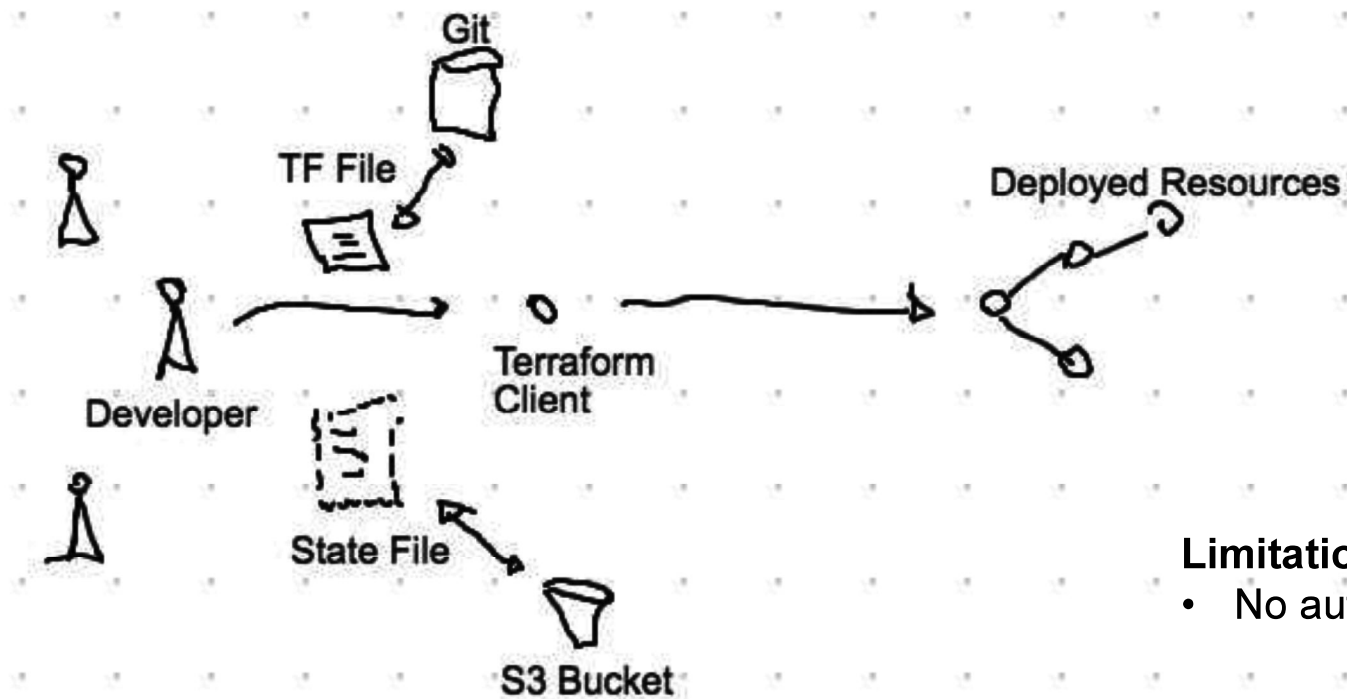
# Terraform Open Source – Phase 2



## Limitation:

- Can't share state easily!

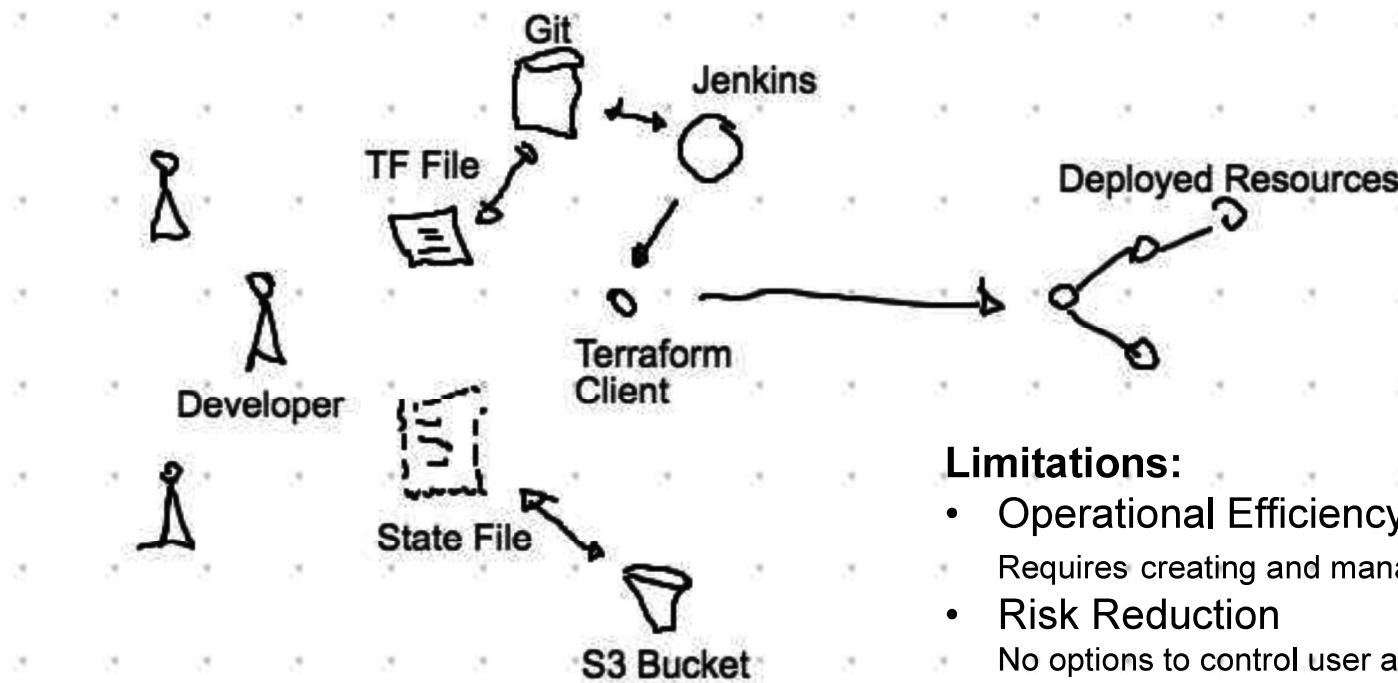
# Terraform Open Source – Phase 3



## Limitation:

- No automation pipeline!

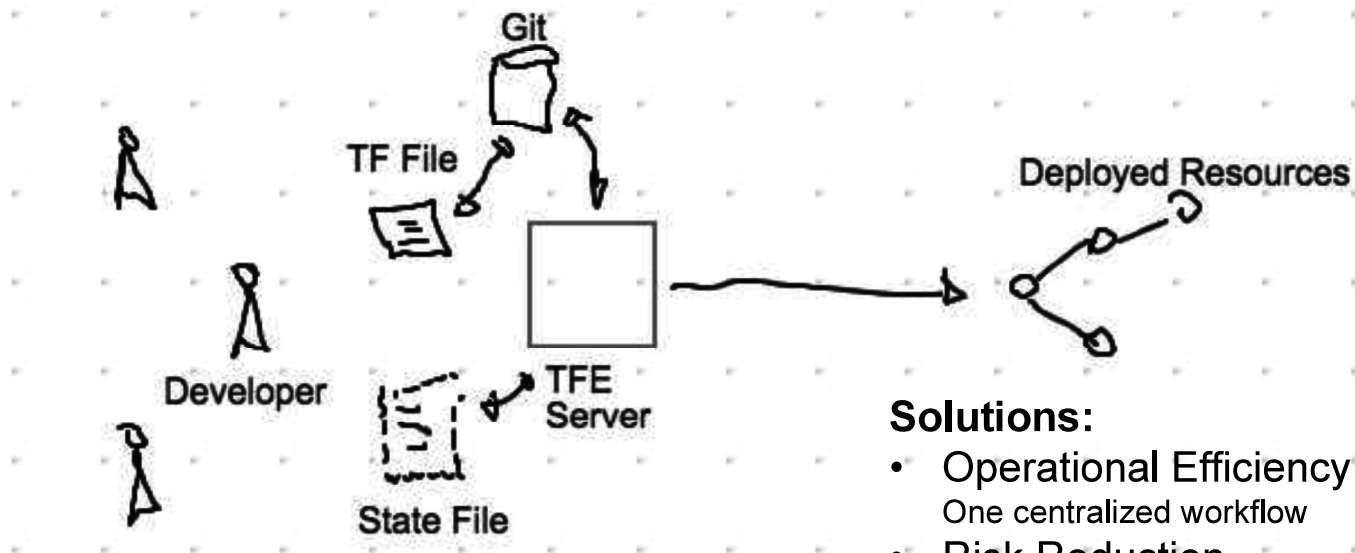
# Terraform Open Source – Phase 4



## Limitations:

- Operational Efficiency
  - Requires creating and managing external tools and workflows
- Risk Reduction
  - No options to control user access and share secrets
- Control Cloud Costs
  - No guardrails to safely enable self-service

# Terraform Enterprise



## Solutions:

- **Operational Efficiency**  
One centralized workflow
- **Risk Reduction**  
ACL controls per workspace, sensitive variables
- **Control Cloud Costs**  
Sentinel allows enforcing governance and best practices



# Terraform Enterprise Features

1

## VCS Connection

Write, version, review, collaborate on code.

### ENTERPRISE

Automate and trigger runs through connection between Terraform and Major VCS providers.

2

## Private Module Registry

Share code across the organization.

### ENTERPRISE

Manage module lifecycle using versions which can be enforced by Sentinel, and enable self-service.

3

## Workspaces

Decompose monolithic infrastructure into logical micro-infrastructures.

### ENTERPRISE

Map functional responsibilities to individual workspaces & interlink workspace outputs via APIs.

4

## Variables

Granular variables allow easy reuse of code to scale resources, regions, etc.

### ENTERPRISE

All variables are securely stored and retrieved as needed during the provisioning process.

5

## Runs and State

Two-phased provisioning automation: a plan (dry run) & apply (execution). Output stored in state file.

### ENTERPRISE

Remote runs (GUI, CLI, or API executed) and state storage.

6

## Policy as Code

Sentinel, a policy as code framework to automate policy controls into workflows.

### ENTERPRISE

Create every provisioning run to enforce security, compliance, and operational best practices.



# Terraform Enterprise Features

