

Terragrunt Configuration file

- Terragrunt configuration is defined in a file "terragrunt.hcl"
- The data written inside this file "terragrunt.hcl" uses the same HCL syntax as Terraform
- Terragrunt supports JSON-serialized HCL defined in "terragrunt.hcl.json"
- Terragrunt identifies "<filename>.hcl" files from the path specified in order:
 - If CLI option defined, --terragrunt-config
 - Environment variable, TERRAGRUNT_CONFIG
 - Current working directory, if terragrunt.hcl file exists
 - Current working directory, if terraform.hcl.json file exists
 - > Throws error, if not found any one of the above specified approach
- We can rewrite the hcl configuration files to a canonical format of terragrunt using command #terragrunt hclfmt
- Above command will check for hcl files in recursive order as well
- In order to preview the format of the hcl files, instead of overwriting them. Use command #terragrunt hclfmt —terragrunt-check
- For more info Doc

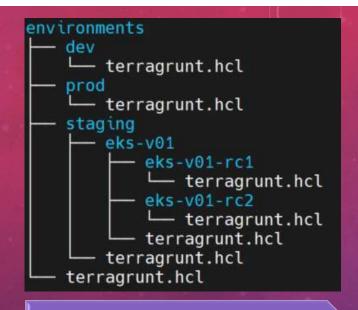
Sample terragrunt configuration file "terragrunt.hcl"

```
terraform {
    # Deply version @v0.1.0 on target provider
    source = "git::git@github.com:sudheerdemo/modules.git//app?ref=v0.1.0"
generate "backend" {
    path = "aws_s3_backend.tf"
    if_exists = "overwrite_terragrunt"
    contents = <<EOF
terraform {
    backend "s3" {
                       = "dev-env-statefiles"
        bucket
                       = "${path_relatove_to_include()}/terraform.tfstate"
        key
                       = "us-east-1"
        region
                       = true
        encrypt
        dynamodb_table = "dev-env-statefilelock"
EOF
inputs = {
    inst count = 3
    inst_type = "t2.large"
    az_name
               = "us-east-1a"
    vpc_id
               = dependency.vpc.outputs.vpc_id
```

Generate block

Inputs attribute

Terraform block



#terraform hclfmt

Terragrunt will pick configuration files from working directory and sub-folders as well in recursive order

environments/terragrunt.hcl
environments/dev/terragrunt.hcl
environments/prod/terragrunt.hcl
environments/staging/terragrunt.hcl
environments/staging/eks-v01/terragrunt.hcl
environments/staging/eks-v01/eks-v01-rc1/terragrunt.hcl
environments/staging/eks-v01/eks-v01-rc2/terragrunt.hcl