Terraform code snippet (resource)

Reserved keyword

Resource provided By Terraform provider

User-provided arbitrary resource name

```
resource    "aws_instance"    "web"    {

    ami  = "ami-a1b2c3d4"
    Instance_type = "t2.micro"

}
```

} Resource config arguments

Resource Address → aws_instance.web

DevOpsMap

Terraform code snippet (data)

Reserved keyword

Resource provided By Terraform provider

User-provided arbitrary resource name

```
data    "aws_instance"    "my-vm" {

    Instance_id = "i-1234567890abcdef0"

}
```

} Data Source Arguments

Resource Address → data.aws_instance.my-vm

Terraform code snippet (output)

Reserved keyword

User-provided variable name

```
output   "instance_ip" {
     description = "VM's private IP"
     value = aws_instance.my-vm.private_ip
}
```

} Variable config arguments such as variable description and value

Output variable values are shown on the sales after running terraform apply.

DevOpsMap

Terraform code snippet (variable)

DevOpsMap

Reserved keyword

User-provided variable name

```
variable    "my-var" {
    description = "my-test-variable"
    type = string
    default = "Any default value"
}
```

Referencing a variable: var.my-var

Terraform code snippet (provider)

Reserved
keyword   Provider name

```
provider    "aws" {
    region = "us-east-1"
}
```

Configuration
parameter

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