



Policies

This section explains the Tx3 syntax for *policies*.

Policies represent specific logic involved with a protocol. These are usually scripts on-chain that validate actions.

Definition

To define a named policy use the following syntax:

```
party {Name};
```

- Name: an alphanumeric string to identify a policy within the protocol.

If you have a static on-chain identifier for this policy use the following syntax:

```
policy {Name} = {Value};
```

- Name: an alphanumeric string to identify a policy within the protocol.
- Value: the on-chain identifier of the policy usually represented as the hash of the script.

Examples

A basic policy definition with name Validator:

```
party Validator;
```

A policy definition with a static on-chain identifier:

```
policy Vesting = 0xABCDEF;
```

Usage

Policies can be used to specify the owner for an input UTxO:

```
tx transfer(amount: Int) {  
    input source {  
        from: Validator,  
    }  
}
```

Policies can be used to specify the target for an output UTxO:

```
tx transfer(amount: Int) {  
    output {  
        to: Vesting,  
    }  
}
```

