Whole Fungible

|  |  |
| --- | --- |
| Type: | Base |
| Name: | Whole Fungible |
| Id: | b1eacdf8-35d8-454a-b1af-92eb0b6f45d4 |
| Visual: | &tau;<sub>F</sub>{<i>~d</i>} |
| Tooling: | tF{~d} |
| Version: | 1.0 |

## Definition

Whole Fungible tokens have interchangeable value with each other, where any owned sum of them from a class has the same value as another owned sum from the same class. A whole token cannot be sub-divided so it doesn't support the notion of 'making change'.

## Example

An inventory item or SKU, where an item is treated as a whole because it makes no sense to own a fraction of a SKU or loyalty point.

## Analogies

|  |  |
| --- | --- |
| Name | Description |
| Loyalty Points | Most credit card or retail loyalty point programs deal with whole numbers so that redeeming points is easy to understand for their customers. |
| General Admission Movie Ticket | Purchasing a general admission ticket to a movie only allows for you to have a seat, but the seat that you actually get depends on factors like when you arrive. Your not likely to want to share a seat with another adult. |

## Dependencies

|  |  |  |
| --- | --- | --- |
| Artifact Type | Symbol | Description |
| Base | t | Base Token Definition |

## Incompatible With

|  |  |  |
| --- | --- | --- |
| Artifact Type | Symbol | Id |
| Behavior | ~d | d5807a8e-879b-4885-95fa-f09ba2a22172 |

## Influenced By

|  |  |  |
| --- | --- | --- |
| Description | Symbol | Applies To |

## Artifact Files

|  |  |  |
| --- | --- | --- |
| Content Type | File Name | File Content |
| Control | whole-fungible.proto |  |
| Uml | whole-fungible.md |  |

## Code Map

|  |  |  |  |
| --- | --- | --- | --- |
| Map Type | Name | Platform | Location |
| SourceCode | Solidity Penalty Token | EthereumSolidity | https://github.com/EntEthAlliance/Trusted-Token/blob/develop/contracts/PenaltyToken.sol |

## Implementation Map

|  |  |  |  |
| --- | --- | --- | --- |
| Map Type | Name | Platform | Location |

## Resource Map

|  |  |  |  |
| --- | --- | --- | --- |
| Map Type | Name | Location | Description |

# Base Details

|  |  |
| --- | --- |
| Token Name: |  |
| Token Type: | Fungible |
| Representation Type: | Common |
| Value Type: | Intrinsic |
| Token Unit: | Whole |
| Symbol: |  |
| Owner: |  |
| Quantity: | 0 |
| Decimals: | 0 |
| Constructor Name: | Constructor |