Fractional Non-Fungible Token

|  |  |
| --- | --- |
| Type: | Base |
| Name: | Fractional Non-Fungible Token |
| Id: | 8314a797-df3c-409b-835c-0e80af92714f |
| Visual: | &tau<sub>N</sub>{<i>d</i>} |
| Tooling: | tN{d} |
| Version: | 1.0 |

## Definition

Every non-fungible token is unique and some will need to allow for fractional ownership. A non-fungible token is not interchangeable with other tokens of the same class as they typically have different values. A property title is a good example of a non-fungible token where the value of different real estate titles is not equal and freely exchanging them is a bad idea. Some Non-fungible tokens will need to be represented with their own class, meaning it will share no common properties with other tokens from the same template. Other non-fungible tokens can exist within the same class and have some shared property values while also having unique property values between instances.

## Example

Membership, Time Share vacation property.

## Analogies

|  |  |
| --- | --- |
| Name | Description |
| Time Share | The physical property title is split between multiple owners who each own a percentage of the title. |

## Comments

Fractional Non-fungible tokens require additional thought about how these tokens may or may not be grouped together in the same class.

## 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 | fractional-non-fungible.proto |  |
| Uml | fractional-non-fungible.md |  |

## Code Map

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

## Implementation Map

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

## Resource Map

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

# Base Details

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