tN{~d,t,g,SC}

|  |  |
| --- | --- |
| Type: | TemplateFormula |
| Name: | tN{~d,t,g,SC} |
| Id: | 38ead4b1-1f94-4bc3-8b1f-2d0dda0c72bb |
| Visual: | &tau<sub>N</sub><i>{~d,t,g,SC}</i> |
| Tooling: | tN{~d,t,g,SC} |
| Version: | 1.0 |

## Definition

This is a Variable Supply Whole Non-Fungible where the total supply can vary. The tokens in this class will be of the same series, sharing those properties, but also have unique values like seat number. It is Whole by setting the Decimals property on the subdividable behavior = 0. A token instance can be burned.

## Example

This token can be used to represent a unique item in a shared context, like a reserved seat at a concert.

## Analogies

|  |  |
| --- | --- |
| Name | Description |
| Reserved Seating | All tokens in the class share the venue, date and time for the event, but have a unique seat number. |

## Dependencies

|  |  |  |
| --- | --- | --- |
| Artifact Type | Symbol | Description |

## Incompatible With

|  |  |  |
| --- | --- | --- |
| Artifact Type | Symbol | Id |

## Influenced By

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

## Artifact Files

|  |  |  |
| --- | --- | --- |
| Content Type | File Name | File Content |
| Control | tN{~d,t,g,SC}.proto |  |
| Uml | tN{~d,t,g,SC}.md |  |

## Code Map

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

## Implementation Map

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

## Resource Map

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

# Template Formula

## Template Type: SingleToken

## Base Token

|  |  |
| --- | --- |
| Type: | Base |
| Name: | Whole Non-Fungible Token |
| Id: | 3c05a856-c901-4c30-917e-df9feed1c8de |
| Visual: | &tau<sub>N</sub>{<i>~d</i>} |
| Tooling: | tN{~d} |
| Version: | 1.0 |

## Behaviors

|  |  |
| --- | --- |
| Type: | Behavior |
| Name: | Non-Subdividable |
| Id: | d5807a8e-879b-4885-95fa-f09ba2a22172 |
| Visual: | <i>~d</i> |
| Tooling: | ~d |
| Version: | 1.0 |

|  |  |
| --- | --- |
| Type: | Behavior |
| Name: | Transferable |
| Id: | af119e58-6d84-4ca6-9656-75e8d312f038 |
| Visual: | <i>t</i> |
| Tooling: | t |
| Version: | 1.0 |

|  |  |
| --- | --- |
| Type: | Behavior |
| Name: | Delegable |
| Id: | a3d02076-6009-4a65-9ed4-2deffe5291e1 |
| Visual: | <i>g</i> |
| Tooling: | g |
| Version: | 1.0 |

## Behavior Groups

|  |  |
| --- | --- |
| Type: | BehaviorGroup |
| Name: | Supply Control |
| Id: | 91cb89b6-a2ce-44ff-b3a0-f0cb3f117e56 |
| Visual: | <i>SC</i> |
| Tooling: | SC |
| Version: | 1.0 |

## Property Sets

## Child Tokens