tN{s,~t,a}

|  |  |
| --- | --- |
| Type: | TemplateFormula |
| Name: | tN{s,~t,a} |
| Id: | 6fa235c7-d9d7-4fa2-b2b3-0e8e6838b770 |
| Visual: | &tau;<sub>N</sub>{<i>s,~t,a</i>} |
| Tooling: | tN{s,~t,a} |
| Version: | 1.0 |

## Definition

A singleton is a non-subdividable whole token with a quantity of 1. Generally used to represent digital or physical items where there will be a single owner. A singleton implies non-subdividable, so the decimal value for the base token should be 0 and a total Quantity be 1, both are established upon creation. This singleton is non-transferable and attestable.

## Example

A educational diploma issued to a student, is not valid to transfer to someone else.

## Analogies

|  |  |
| --- | --- |
| Name | Description |
| Certification | A person may obtain some certification to prove that they attended and passed some set of requirements. |
| License | A business may obtain license from the government to prove that they are registered and recognized. |

## Dependencies

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

## Incompatible With

|  |  |  |
| --- | --- | --- |
| Artifact Type | Symbol | Id |
| Behavior | d | 6e3501dc-5800-4c71-b59e-ad11418a998c |
| Behavior | m | f9224e90-3cab-45bf-b5dc-0175121e2ead |

## Influenced By

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

## Artifact Files

|  |  |  |
| --- | --- | --- |
| Content Type | File Name | File Content |
| Control | tN{s,~t}.proto |  |
| Uml | tN{s,~t}.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: | Singleton |
| Id: | 53101d87-3c93-4d8b-ab39-1e629406d062 |
| Visual: | &tau<sub>N</sub>{<i>s</i>} |
| Tooling: | tN{s} |
| Version: | 1.0 |

## Behaviors

|  |  |
| --- | --- |
| Type: | Behavior |
| Name: | Singleton |
| Id: | c1189d7a-e142-4504-bf26-44c35b76c9d6 |
| Visual: | <i>s</i> |
| Tooling: | s |
| Version: | 1.0 |

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

|  |  |
| --- | --- |
| Type: | Behavior |
| Name: | Non-transferable |
| Id: | a4fa4ca8-6afd-452b-91f5-7103b6fee5e5 |
| Visual: | <i>~t</i> |
| Tooling: | ~t |
| Version: | 1.0 |

|  |  |
| --- | --- |
| Type: | Behavior |
| Name: | Attestable |
| Id: | 189b1589-a93a-4aa6-8d9d-0d9237ab5b42 |
| Visual: | <i>a</i> |
| Tooling: | a |
| Version: | 1.0 |

## Behavior Groups

## Property Sets

## Child Tokens