Document

|  |  |
| --- | --- |
| Type: | TemplateDefinition |
| Name: | Document |
| Id: | ce4b7adc-4741-4bf0-b03d-0af8c4c92746 |
| Visual: | [&tau;<sub>N</sub>{<i>~d,t,s,e,b</i>}+&phi;File] |
| Tooling: | [tN{~d,t,s,e,b}+phFile] |
| Version: | 1.0 |

## Definition

Used to represent a document that may be a scanned or PDF printed document. It records the document hash to check for tampering, a file path to fetch the file from storage as well as the ability to be encumbered. Implements the File property-set.

## Example

For example: you may choose to create an invoice token from an invoice document. You can then allow another token or contract representing a loan or proof of financing to encumber the document establishing a link between the two.

## Analogies

|  |  |
| --- | --- |
| Name | Description |
| Scanned Document | A scanned copy of a certificate, like a diploma or industry certification |

## 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 | Document.proto |  |
| Uml | Document.md |  |

## Code Map

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

## Implementation Map

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

## Resource Map

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

# Template Definition

## Template Formula Reference: [tN{~d,t,s,e,b}+phFile]

Name: [tN{~d,t,s,e,b}+phFile]

Id: 4c2730f5-dc5f-4949-87e3-71f3a6e6cae9

Reference Notes:

# Base Details

|  |  |
| --- | --- |
| Token Name: |  |
| Symbol: |  |
| Owner: |  |
| Quantity: | 1 |
| Decimals: | 0 |
| Constructor Name: | Constructor |

# Behaviors

## Behavior Reference: Singleton

Reference Notes: singleton

|  |  |
| --- | --- |
| Is External: | True |
| Constructor: |  |

### Applies To

### Invocations

### Influence Bindings

### Properties

## Behavior Reference: Non-Subdividable

Reference Notes: non-subdividable

|  |  |
| --- | --- |
| Is External: | True |
| Constructor: |  |

### Applies To

### Invocations

### Influence Bindings

### Properties

#### Name: Decimals

Value Description: Set to Zero, not allowing any subdivision

Template Value: 0

### Invocations

#### GetDecimals

Id: 2ca7fbb2-ce98-4dda-a6ae-e4ac2527bb33

Description: Should return 0

##### Request

Control Message: GetDecimalsRequest

Description:

###### Parameters

|  |  |
| --- | --- |
| Name | Value |

##### Response

Control Message: GetDecimalsResponse

Description: Return 0

###### Parameters

|  |  |
| --- | --- |
| Name | Value |
| Decimals | 0 |

### Properties

## Behavior Reference: Transferable

Reference Notes: transferable

|  |  |
| --- | --- |
| Is External: | True |
| Constructor: |  |

### Applies To

### Invocations

### Influence Bindings

### Properties

## Behavior Reference: Burnable

Reference Notes: burnable

|  |  |
| --- | --- |
| Is External: | True |
| Constructor: |  |

### Applies To

### Invocations

### Influence Bindings

### Properties

## Behavior Reference: Encumberable

Reference Notes: encumberable

|  |  |
| --- | --- |
| Is External: | True |
| Constructor: |  |

### Applies To

### Invocations

### Influence Bindings

### Properties

## Behavior Groups

## Property Sets

Name: File

Id: 79d40648-02ba-4055-b700-01dce32196ec

Reference Notes: file

## Reference Values

## Artifact Files

|  |  |  |
| --- | --- | --- |
| Content Type | File Name | File Content |

## Code Map

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

## Implementation Map

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

## Resource Map

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

### Properties

## Child Tokens