Attestable

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

## Definition

A token class that implements this behavior will support a basic attestation request returning a true or false and if true it will return a cryptographic proof the requester may store for future validations. Attestable will accept a simple ownership query to validate that an account is the owner of the token or a attestation proof and validate it.

## Example

Certain tokens will want to prove something like ownership or validation of an issued proof from the token for applications wanting to check attestations.

## Analogies

|  |  |
| --- | --- |
| Name | Description |
| Diploma | Check to see if an account is the owner or holder of a diploma token. This can be done by the Account Id or a stored attestation issued by the Diploma Token. |

## Comments

## 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 | attestable.proto |  |
| Uml | attestable.md |  |

## Code Map

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

## Implementation Map

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

## Resource Map

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

# Behavior Details

|  |  |
| --- | --- |
| Is External: | False |
| Constructor: |  |

## Invocations

Attest

Id: f404f43f-c922-475d-9a0c-b4a0bdca6029

A request to validate a rule or attestation.

#### Request

Control Message: AttestRequest

Description: The request to Attest an attestation.

#### Parameters

|  |  |
| --- | --- |
| Artifact Type | Description |
| Attestation | Value of the attestation to validate |

#### Response

Control Message: AttestResponse

Description: The response from the AttestRequest.

#### Parameters

|  |  |
| --- | --- |
| Artifact Type | Description |
| Confirmation | A true or false result |

AttestByAccount

Id: c573dc98-d669-4e24-a06d-70a7c1d29078

A request to validate a rule or attestation.

#### Request

Control Message: AttestByAccountRequest

Description: The request to Attest by an account id.

#### Parameters

|  |  |
| --- | --- |
| Artifact Type | Description |
| AccountId | The Id of the account to validate. |

#### Response

Control Message: AttestByAccountResponse

Description: The response from the AttestByAccountRequest, if true can include a Attestation for the caller to use in subsequent attestation checks.

#### Parameters

|  |  |
| --- | --- |
| Artifact Type | Description |
| Confirmation | A true or false result |
| Attestation | A cryptographic signature that can be validated with AttestRequest. |

## Properties