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| artifact: |
| type: BEHAVIOR |
| name: Transferable |
| aliases: |
| Artifact Symbol |
| * Visual Symbol🡪 <i>t</i> |
| * Tooling Symbol 🡪 t |
|  |
| controlUri: ../../../../../../artifacts/behaviors/transferable/transferable.proto |
| artifact Definition |
| Business Description: Every token instance has an owner. The Transferable behavior provides the owner the ability to transfer the ownership to another party or account. This behavior is often inferred by other behaviors that might exist like Redeem Sell etc. This behavior is Delegable. If the token definition is Delegable Transfer From will be available. |
| Business Example: |
| analogies |
|  |
| Name: Analogy 1 |
| Description: transferable analogy 1 description |
| Artifact Definition: |
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|  |
| Comments: |
| Artifact: |
|  |
| incompatible With Symbols |
|  |
| * Visual Symbol🡪 <i>~t</i> |
| * Tooling Symbol 🡪 ~t |
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| influenced By Symbols |
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| Description: If the token is Delegable TransferFrom should be enabled. |
| Symbol: |
| * Visual Symbol 🡪<i>g</o> |
| * Tooling Symbol 🡪g |
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| Artifact Files: |
|  |
| Content: CONTROL |
| File Name: transferable.proto |
| File Data: |
| Artifact: null |
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| Content: UML |
| File Name: transferable.md |
| File Data: |
| Artifact: |
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| Maps: |
| code References |
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| Mapping Type: SOURCE\_CODE |
| Name: Code 1 |
| Platform: DAML |
| Reference Path: |
| Maps: |
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| implementation References |
|  |
| Mapping Type: IMPLEMENTATION |
| Name: Implementation 1 |
| Platform: CHAINCODE\_GO |
| Reference Path: |
| Maps: |
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| Resources |
|  |
| Mapping Type: RESOURCE |
| Name: Regulation Reference 1 |
| Description: |
| Resource Path: |
| Maps: |
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| Artifact: null |
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| Is External: false |
| Constructor Name: |
| Constructor: |
| Invocations: |
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| Name: Transfer |
| Description: A transfer request will invoke a transfer from the owner of the token to the party or account provided in the To field of the request. For fungible or subdividable non-fungible tokens this request may also include value in the Amount field of the request to transfer more than one token of the class in a single request. |
| Request |
| Control Message Name: Transfer Request |
| Description: The request |
| Input Parameters: |
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| Name: To |
| Value Description: Account Id to transfer ownership to. |
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| Name: Quantity |
| Value Description: Number of tokens to transfer. |
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| Response: |
| Control Message Name: Transfer Response |
| Description: The response |
| Output Parameters |
|  |
| Name: Confirmation |
| Value Description: A confirmation receipt or error may be returned to the owner based on the outcome of the transfer request. |
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| Name: TransferFrom |
| Description: A transfer request will invoke a transfer from the owner of the token to the party or account provided in the To field of the request. For fungible or subdividable non-fungible tokens this request may also include value in the Amount field of the request to transfer more than one token of the class in a single request. |
| Request: |
| Control Message Name: TransferFromRequest |
| Description: The request |
| inputParameters |
|  |
| Name: From |
| Value Description: Account Id to transfer ownership from. |
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|  |
| Name: To |
| Value Description: Account Id to transfer ownership to. |
|  |
|  |
| Name: Quantity |
| Value Description: Number of tokens to transfer. |
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| Response: |
| Control Message Name: TransferFromResponse |
| Description: The response |
| Output Parameters |
|  |
| Name: Confirmation |
| Value Description: A confirmation receipt or error may be returned to the owner based on the outcome of the transfer from request. |
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| properties: |
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