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**e-TrustEx – Submit Status Request Use Case Specification**

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1. Use-Case Description

This Use Case describes the specific processing performed by e-TrustEx on a business document of type StatusRequest. This Use Case extends the Submit Document Use Case.

1. Flow of Events

## System performs the specific checks

* This Use Case extends the “Submit Read Document Use Case” and it is called from “Step 2.5 System performs the business specific processing”

## System queries the message repository

* The essential parameters for the system to perform the Status Request of a business document are provided below. They are all found in the message.

|  |  |
| --- | --- |
| **Element** | **Xpath** |
| **SenderParty EndointID** | *SenderParty.EndpointID* |
| **ReceiverParty EndointID** | *ReceiverParty.EndpointID* |
| **ID (of the document)** | *DocumentReferenceRequest.ID* |
| **Document Type Code** | *DocumentReferenceRequest.DocumentTypecode* |

The system queries for one document:

* With specific Sender and Receiver Parties
* Of a specific Document Type Code (e.g. BDL - DocumentBundle) and
* With a specific Document ID
* The system also queries for documents related to that document. By related one means “having a direct reference to the matching document” (e.g. a bundle document linked to its parent bundle document). These documents can have been sent or received by the service’s caller.

## System builds the Status Response

* Based on the result of the previously mentioned query, the system builds the Status Response. For the document matching the previously mentioned criteria, the following information is returned on the status response:

|  |  |
| --- | --- |
| **Element** | **Xpath** |
| **Response Code** (applicable for a response message only) | *DocumentReferenceResponseRelatedDocs.DocumentReferenceResponse.Response* |
| **Document Status Code** | *DocumentReferenceResponseRelatedDocs.DocumentReferenceResponse.Status* |
| **ID (of the document)** | *DocumentReferenceResponseRelatedDocs.DocumentReferenceResponse.DocumentReference.ID* |
| **Issue Date (of the document)** | *DocumentReferenceResponseRelatedDocs.DocumentReferenceResponse.DocumentReference.IssueDate* |
| **Document Type Code** | *DocumentReferenceResponseRelatedDocs.DocumentReferenceResponse.DocumentReference.DocumentTypecode* |
| **SenderParty EndointID** | *DocumentReferenceResponseRelatedDocs.DocumentReferenceResponse.SenderParty.EndpointID* |
| **ReceiverParty EndointID** | *DocumentReferenceResponseRelatedDocs.DocumentReferenceResponseReceiverParty.EndpointID* |

* If existing, information on the related documents is also returned:

|  |  |
| --- | --- |
| **Element** | **Xpath** |
| **Document Status Code** | *DocumentReferenceResponseRelatedDocs.RelatedDocument.Status* |
| **ID** | *DocumentReferenceResponseRelatedDocs.RelatedDocument.DocumentReference.ID* |
| **Issue Date (of the document)** | *DocumentReferenceResponseRelatedDocs.RelatedDocument.DocumentReference.IssueDate* |
| **Document Type Code** | *DocumentReferenceResponseRelatedDocs.RelatedDocument.DocumentReference.DocumentTypeCode* |
| **SenderParty EndointID** | *DocumentReferenceResponseRelatedDocs.RelatedDocument.SenderParty.EndpointID* |
| **ReceiverParty EndpointID** | *DocumentReferenceResponseRelatedDocs.RelatedDocument.ReceiverParty.EndpointID* |

* System responds with a Status Response to the Request.
* This closes the https connection between the User and the system.
* **Use Case Ends**.

1. Alternative Flows

## A1 At step "" no document matches the query criteria

* When no document is found in the message repository matching the previously mentioned criteria, the following information is returned on the status response:
* A note stating that "No matches were found"
* System responds with a Status Response to the Request.
* This closes the https connection between the User and the system.
* The Use Case Ends.

**Note:** This may also happen should the Status Request for Bundle Document ID "009" contain ID "9".

1. Exceptional Flows

## E1: At step 3.2 ” System queries the message repository” there is a technical error reported regarding the connection with the service’s caller

* The system detects when the service’s caller closes its connection
* In this case the system cannot respond to the subsequent request
* The Use Case Ends

1. Subflow

[to be completed]

1. Special Requirements

[to be completed]

## < Interface(s) with other Systems>

## Security Requirements

[to be completed]

## < Other Special Requirement >

1. Preconditions

[to be completed]

## < Precondition One >

1. Postconditions

[to be completed]

## < Postcondition One >

1. Additional Information

[to be completed]