|  |  |  |  |
| --- | --- | --- | --- |
|  | **European Commission**  **DIRECTORATE GENERAL**  <INFORMATICS> | **logo RUP@EC-Fixed-v1** |  |

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

|  |
| --- |
| *---- Remove this text box after reading ---*  Help text for this Artifact Template Version 2012-01  ***Key to symbols used in this template:***  *[] indicates text to be replaced by the user of this template.*  *<> indicates text that is updated using Document Properties button.*  ***Click here to update the Document Properties >>***   * *This button is also available on the next page.*   ***Other information:***   * *Check that you are using the latest template* –[click](http://www.cc.cec/RUPatEC/) * *While working on the document, you may choose to leave some of the blue text guidance.* |

**Document Control Information** 

|  |  |
| --- | --- |
| **Settings** | **Value** |
| **Directorate:** | <INFORMATICS> |
| **Project Name:** | e-TrustEx |
| **Document Author:** | Alice Vasilescu |
| **System Owner:** | Tanya Chetcutti |
| **Project Manager:** | Tanya Chetcutti |
| **Revision Status:** | Draft |
| **Sensitivity:** | Limited DG |
| **Issue Date:** | <Issue Date> |

**Document Approver(s):**

(All Approvers are required. Records of each approver must be maintained.)

|  |  |
| --- | --- |
| **Approver Name** | **Role** |
| [Name] | [Role] |
|  |  |
|  |  |

**Document Reviewers:** (Records of each required reviewer must be maintained.)

|  |  |
| --- | --- |
| **Reviewer Name** | **Role** |
| [Name] | [Role] |
|  |  |
|  |  |

NOTE: All Reviewers in the list are considered required unless explicitly listed as Optional.

**Summary of Changes:**

The Document Author is authorized to make the following types of changes to the document without requiring that the document be re-approved:

* Editorial, formatting, and spelling
* Clarification

To request a change to this document, contact the Document Author or Owner.

Changes to this document are summarized in the following table in reverse chronological order (latest version first).

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Date** | **Created by** | **Short Description of Changes** |
| [0.1] | [21/06/2013] | [Alice Vasilescu] | [Initial Version of approved document] |
| [0.2-0.3] | [25/09/2013] | [Alice Vasilescu] | [Internal review] |
| [0.4] | [30/09/2014] | [Anamaria Batrinu] | [Updated linked step of the extended document] |
| [0.5] | [17/06/2015] | [Anamaria Batrinu] | [JIRA **[ETRUSTEX-1021](https://webgate.ec.europa.eu/CITnet/jira/browse/ETRUSTEX-1021)** + updated section references and duplicate flow ids] |
| [0.6] | [08/09/2015] | [Anamaria Batrinu] | [JIRA [**ETRUSTEX-1082**](https://webgate.ec.europa.eu/CITnet/jira/browse/ETRUSTEX-1082)] |

**Configuration Management: Document Location**

The latest version of this controlled document is stored in [this location].

Contents

[1. Use Case description 4](#_Toc430252260)

[2. References 4](#_Toc430252261)

[3. Flow of events 4](#_Toc430252262)

[3.1. System performs the specific checks 4](#_Toc430252263)

[3.2. System queries the message repository 4](#_Toc430252264)

[3.3. System builds the View Request Response 4](#_Toc430252265)

[4. Alternative Flows 4](#_Toc430252266)

[4.1. A1: At step 3.2 System queries the message repository, no document matches the query criteria 4](#_Toc430252267)

[4.2. A2: At step 3.2 System queries the message repository, the MIME type specified by the system is application/pdf 5](#_Toc430252268)

[5. Exceptional Flows 5](#_Toc430252269)

[5.1. E1: At any step, a technical error is reported 5](#_Toc430252270)

[6. Sub flows 5](#_Toc430252271)

[7. Special Requirements 5](#_Toc430252272)

[8. Preconditions 5](#_Toc430252273)

[9. Post conditions 5](#_Toc430252274)

[10. Additional Information 5](#_Toc430252275)

# Use Case description

This Use Case describes the specific processing performed by e-TrustEx on a business document of type ViewRequest in order to retrieve a human readable. This Use Case extends UC1\_2\_1 Synchronous Service Use Case Specification.

# References

|  |  |
| --- | --- |
| Document | Location |
| UC1\_2\_1 Synchronous Service Use Case Specification | [https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001 e-TrustEx/002 Requirements/Use Case Model](https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001%20e-TrustEx/002%20Requirements/Use%20Case%20Model) |
| EC Code List e-TrustEx | [https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001 e-TrustEx/003 Architecture/001 Data Model/000 Code Tables/](https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001%20e-TrustEx/003%20Architecture/001%20Data%20Model/000%20Code%20Tables/) |

# Flow of events

# System performs the specific checks

This Use Case extends the UC1\_2\_1 Synchronous Service Use Case Specification and it is called from Step 2.1.5. 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 |
| **ID (of the document)** | *DocumentReferenceRequest.ID* |
| **Document Type Code** | *DocumentReferenceRequest.DocumentTypeCode* |
| **Sender Party Endpoint ID** | *SenderParty.EndpointID* |
| **Receiver Party Endpoint ID** | *ReceiverParty.EndpointID* |

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

# System builds the View Request Response

Based on the result of the previously mentioned query, the system builds the View Request Response.

* When the MIME type of the document found is specified in the system as **text/html**, the business document is returned in HTML format in the response.
* **Use Case Ends**.

# Alternative Flows

# A1: At step 3.2 System queries the message repository, no document matches the query criteria

* System responds with a View Request Response containing an empty document with MIME type **UTF-8**
* **Use Case Ends**.

# A2: At step 3.2 System queries the message repository, the MIME type specified by the system is application/pdf

* The business document is returned in **base64 encoded PDF** format in the response.
* **Use Case Ends.**

# Exceptional Flows

# E1: At any step, a technical error is reported

* The System submits a SOAP Fault [4]
* This closes the https connection between the Issuer and the System
* **Use Case Ends.**

# Sub flows

N/A

# Special Requirements

N/A

# Preconditions

N/A

# Post conditions

N/A

# Additional Information

N/A