

Customs
Information Management

Date: 28.02.2019

Changes to the XML schemas of the web service for direct message exchange

v1.21
Revision 02.05.2019

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1 INTRODUCTION

This document describes the changes implemented in XML schema version 1.21 for direct message exchange. These XML schemas are used by customers, who use the web service of direct message exchange.

The implemented changes apply to the:

- Submission of customs warehousing declarations and related documents formed by Customs to the customer.
- Structural errors in declarations sent by customers to Customs applications (excluding Export[ELEX] and the Summary declaration service [AREX]).
- Testing of the connection in Customs' direct message exchange interface (CheckConnectivity).

2 SCHEDULE AND COMPATIBILITY

The changes made to the services offered by Customs relating to version 1.21 of the XML schemas for direct message exchange, will be placed in the customer testing environment 25.2.2019 and the production environment 2.5.2019.

If the company wishes to send customs warehousing declarations via the UTU system and retrieve related notifications, the company must first implement the changed and new schema files as well as make the necessary changes to their direct message exchange software.

Customers who use Customs' direct message exchange applications (excluding Export[ELEX] and the Safety and Security Declaration Service[AREX]) must implement schema files, which describe a general schema error file, and make the necessary changes to their own direct message exchange software.

If the company uses the CheckConnectivity-operation of Customs' direct message exchange interface, the company must implement a new EchoContent.xsd schema file as well as make the necessary changes to their own direct message exchange software.

3 DISTRIBUTION PACKAGE

The XML schemas (v1.21) for direct message exchange are delivered as distribution packages that can be retrieved from the Customs website (<https://tulli.fi/en/e-services/services/direct-message-exchange#>).

The distribution package contains the following files (new and changed files **in bold text**):

- **ApplicationMessageTypes.xsd**
- ApplicationRequest.xsd

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- ApplicationResponse.xsd
- AttachmentRequest.xsd
- CustomsCorporateService_soap1_1.wsdl
- CustomsCorporateService_soap1_2.wsdl
- **DmeDocumentInfoMessage.xsd**
- **DmeErrorMessage.xsd**
- **DmeErrorMessageTypes.xsd**
- **EchoContent.xsd**
- NotificationService.wsdl
- NotificationService.xsd
- **WSDLTypes.xsd**
- LituResponseMessage.xsd
- xmldsig-core-schema.xsd

This distribution package replaces all files in previous distribution packages. The changes are described in the following chapter.

For reasons of uniformity, all files in the distribution package bear the updated minor version attribute `version="v1_21"`. The files in the previous package had the minor version attribute `version="v1_18"`. All names and major versions of namespace definitions remain unchanged apart from the `EchoContent.xsd` definition. The major version of namespace definitions is still "v1".

4 PRESENTATION OF NEW AND CHANGED SCHEMA FILES

4.1 ApplicationMessageTypes.xsd

A new data element `DocumentId` added.

4.2 DmeDocumentInfoMessage.xsd

Schema file describing the metadata message of PDF documents.

4.3 DmeErrorMessage.xsd

Schema file describing the structure of a general schema error message

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4.4 DmeErrorMessageTypes.xsd

Schema file describing the structure of elements used in a general schema error message.

4.5 EchoContent.xsd

Namespace change because of overlap.

4.6 WsdlTypes.xsd

New DocumentInformation element defined, which has been added as an optional sub-element to the MessageInformation element.

New DocumentId element added as an optional sub-element to the DownloadMessageFilteringCriteria element.