



eDeclaration

XML EDI Response

Message Implementation Guide

Version 0.9

(Valid from 29.01.2015)

DAKOSY
Datenkommunikationssystem AG

Mattentwiete 2
20457 Hamburg
www.dakosy.de

Phone: + 49 40 37003 - 0
Fax: + 49 40 37003 - 370
info@dakosy.de

Change History

| Version | Reason | Name | Datum |
|----------------|-------------------|-------------|--------------|
| 0.9 | First compilation | A. Sperling | 29.01.2015 |

Change Requests**DAKOSY****Datenkommunikationssystem AG**

Mattentwiete 2

20457 Hamburg

1. Phone: + 49 40 37003 - 0
2. Fax: + 49 40 37003 - 370
3. Email: info@dakosy.de

Used tools

| Number | Used tools |
|---------------|------------------------------------------------------------------------------------|
| W1 | This document was created with the word processing programme MS Word 2010 . |

Liability

1. Please note that no liability claims can be derived towards DAKOSY AG for the content of this manual, despite careful developing and examination of this document!

Table of contents

| | | |
|----------|---------------------------------------------------|----------|
| 1 | General information about the message..... | 4 |
| 2 | Message Structure | 5 |
| 3 | Guideline..... | 7 |

1 General information about the message

A response message is for the purpose of accepting or rejecting a previous message. A message can be rejected due to technical or professional reasons. A detailed description of the error can be transmitted in the element "Errors".

2 Message Structure

| Occurrence | Element/Attribute |
|------------|----------------------------|
| | eDeclarationMessage |
| | Version |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | InterchangeHeader |
| | Version |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | CreationTime |
| 1 .. 1 | ExchangeNumber |
| 1 .. 1 | TestIndicator |
| 1 .. 1 | Sender |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | ParticipantCode |
| 1 .. 1 | AgencyID |
| 1 .. 1 | Recipient |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | ParticipantCode |
| 1 .. 1 | AgencyID |
| 1 .. 1 | InterchangeBody |
| 1 .. 1 | xs:sequence |
| 0 .. 1 | EdiResponseList |
| 1 .. 1 | xs:sequence |
| 1 .. 999 | EdiResponse |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | MessageHeader |
| 1 .. 1 | xs:sequence |
| 0 .. 1 | CreationTime |
| 1 .. 1 | MessageReferenceNumber |
| 1 .. 1 | MessageSender |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | ParticipantCode |
| 1 .. 1 | AgencyID |
| 1 .. 1 | MessageRecipient |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | ParticipantCode |
| 1 .. 1 | AgencyID |
| 1 .. 1 | ResponseType |
| 1 .. 1 | ResponseSubType |
| 0 .. 1 | VisitID |
| 0 .. 1 | TransitID |
| 0 .. 1 | OriginatorsVoyageNumber |
| 0 .. 1 | LocalReferenceNumber |
| 0 .. 1 | InfoContactName |
| 0 .. 1 | InfoContactDataList |
| 1 .. 1 | xs:sequence |
| 1 .. 9 | ContactData |
| 1 .. 1 | xs:sequence |

| Occurrence | Element/Attribute |
|----------------|--------------------------|
| 0 .. 1 | Telephone |
| 0 .. 1 | Fax |
| 0 .. 1 | Email |
| 0 .. 1 | AdditionalValues |
| 1 .. 1 | xs:sequence |
| 1 .. 99 | AdditionalValue |
| | LanguageCode |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | Key |
| 1 .. 1 | Value |
| 0 .. 1 | FreeTextList |
| 1 .. 1 | xs:sequence |
| 1 .. 99 | FreeText |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | Key |
| 1 .. 1 | Text1 |
| 1 .. 1 | Text2 |
| 0 .. 1 | PreviousExchangeNumber |
| 1 .. 1 | PreviousMessageNumber |
| 0 .. 1 | PreviousMessageDate |
| 0 .. 1 | Errors |
| 1 .. 1 | xs:sequence |
| 1 .. 99 | Error |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | ErrorCode |
| 0 .. 1 | ErrorCodeList |
| 0 .. 1 | ErrorCodeListAgency |
| 0 .. 1 | ErrorInformations |
| 1 .. 1 | xs:sequence |
| 1 .. 99 | ErrorInfo |
| | LanguageCode |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | Text |

3 Guideline

| Element/Attribute | Annotation |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| eDeclarationMessage | |
| Version | Length 1 .. 10 |
| xs:sequence | Occurrence 1 .. 1 |
| InterchangeHeader | Occurrence 1 .. 1 Description Meta data about the data interchange |
| Version | Length 1 .. 5 |
| xs:sequence | Occurrence 1 .. 1 |
| CreationTime | Occurrence 1 .. 1 Description Creation time of the entire message. |
| ExchangeNumber | Occurrence 1 .. 1 Length 1 .. 44 Description Unique number which identifies the data interchange. |
| TestIndicator | Occurrence 1 .. 1 Description Indicates that this message is for test or production environment. |
| Sender | Occurrence 1 .. 1 Description Technical sender of this message. |
| xs:sequence | Occurrence 1 .. 1 |
| ParticipantCode | Occurrence 1 .. 1 Length 1 .. 35 Description Participant code of the technical message sender. |
| AgencyID | Length 1 .. 17 Description Indicates the agency which is responsible for this code. |
| Recipient | Occurrence 1 .. 1 Description The technical recipient of this message. |
| xs:sequence | Occurrence 1 .. 1 |
| ParticipantCode | Occurrence 1 .. 1 Length 1 .. 35 Description The participant code of the technical recipient of this message. |
| AgencyID | Length 1 .. 17 Description Indicates the agency which is responsible for this code. |
| InterchangeBody | Occurrence 1 .. 1 Description Only one of the following lists must be used (Request-ID-List, Visit-List, EDI-Response-List) |
| xs:sequence | Occurrence 1 .. 1 |
| EdiResponseList | Occurrence 0 .. 1 Description List of EDI response messages |
| xs:sequence | Occurrence 1 .. 1 |
| EdiResponse | Occurrence 1 .. 999 Description Response-Message for accepting or declining a previous message. A message can be declined due to technical or functional reasons. A detailed error description can be found at element "Errors". |
| xs:sequence | Occurrence 1 .. 1 |
| MessageHeader | Occurrence 1 .. 1 Description Header with meta data of the message |
| xs:sequence | Occurrence 1 .. 1 |
| CreationTime | Occurrence 0 .. 1 Description Timestamp of the creation time of this message |
| MessageReferenceNumber | Occurrence 1 .. 1 Length 1 .. 44 |

| Element/Attribute | Annotation |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MessageSender | Description A unique reference number which identifies this message. |
| | Occurrence 1 .. 1 |
| xs:sequence | Description The functional sender of this message. |
| | Occurrence 1 .. 1 |
| ParticipantCode | Occurrence 1 .. 1 |
| | Length 1 .. 35 |
| AgencyID | Description The participant code of the functional sender of this message. |
| | Length 1 .. 17 |
| MessageRecipient | Description Indicates the agency which is responsible for this code. |
| | Occurrence 1 .. 1 |
| xs:sequence | Description The functional recipient of this message. |
| | Occurrence 1 .. 1 |
| ParticipantCode | Occurrence 1 .. 1 |
| | Length 1 .. 35 |
| AgencyID | Description The participant code of the functional recipient of message. |
| | Length 1 .. 17 |
| ResponseType | Description Indicates the agency which is responsible for this code. |
| | Occurrence 1 .. 1 |
| ResponseType | Description Response type |
| | Applicable Codes |
| | ACCEPTED The previous message was accepted by the system of the MessageSender. |
| | ERROR The previous message was declined by the system of the MessageSender due to an error. |
| | RECEIVED A notification about the receipt of the interchange. |
| | Occurrence 1 .. 1 |
| | Description Response sub type regarding to the element ResponseType of this Response-Message. |
| | Applicable Codes |
| | FUNCTIONAL The previous message has at least one functional error. |
| | TECHNICAL The previous message has at least one technical error or was accepted. If "ResponseType" is "ACCEPTED" then "ResponseSubType" is always "TECHNICAL". |
| ResponseSubType | Occurrence 1 .. 1 |
| | Description Response sub type regarding to the element ResponseType of this Response-Message. |
| VisitID | Applicable Codes |
| | FUNCTIONAL The previous message has at least one functional error. |
| TransitID | TECHNICAL The previous message has at least one technical error or was accepted. If "ResponseType" is "ACCEPTED" then "ResponseSubType" is always "TECHNICAL". |
| | Occurrence 0 .. 1 |
| OriginatorsVoyageNumber | Length 1 .. 17 |
| | Pattern (DE)([A-Z]{3})-([0-9]{4})-([A-Z]{6}) |
| LocalReferenceNumber | Description Visit-ID to which the response is sent |
| | Occurrence 0 .. 1 |
| TransitID | Length 1 .. 17 |
| | Pattern (ZZNOK)-([0-9]{4})-([A-Z]{6}) |
| OriginatorsVoyageNumber | Description Transit-ID to which the response is sent |
| | Occurrence 0 .. 1 |
| LocalReferenceNumber | Length 1 .. 17 |
| | Description Voyage number of reporting party |
| LocalReferenceNumber | Occurrence 0 .. 1 |
| | Length 1 .. 35 |
| LocalReferenceNumber | Description Local reference number of the reporting party to identify a port call |
| | Occurrence 1 .. 1 |

| Element/Attribute | Annotation |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| InfoContactName | <p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Name or department for contacting the sender of this message.</p> |
| InfoContactDataList | <p>Occurrence 0 .. 1</p> <p>Description Contact data of the sender of this message.</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| ContactData | <p>Occurrence 1 .. 9</p> <p>Description Communication data such as email, telephone number and fax. At least one of the fields must be used.</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| Telephone | <p>Occurrence 0 .. 1</p> <p>Length 1 .. 50</p> <p>Description Phone number of contact</p> |
| Fax | <p>Occurrence 0 .. 1</p> <p>Length 1 .. 50</p> <p>Description Fax number of contact</p> |
| Email | <p>Occurrence 0 .. 1</p> <p>Length 1 .. 85</p> <p>Description Email of contact</p> |
| AdditionalValues | <p>Occurrence 0 .. 1</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| AdditionalValue | <p>Occurrence 1 .. 99</p> <p>Description Additional value (key value pair)</p> |
| LanguageCode | <p>Length 2 .. 2</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| Key | <p>Occurrence 1 .. 1</p> <p>Length 1 .. 30</p> |
| Value | <p>Occurrence 1 .. 1</p> <p>Length 1 .. 150</p> |
| FreeTextList | <p>Occurrence 0 .. 1</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| FreeText | <p>Occurrence 1 .. 99</p> <p>Description A wild card free text for large text fields which are not specified within this message.</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| Key | <p>Occurrence 1 .. 1</p> <p>Length 1 .. 10</p> <p>Description Free text type</p> |
| Text1 | <p>Occurrence 1 .. 1</p> <p>Length 1 .. 512</p> <p>Description Free text value 1</p> |
| Text2 | <p>Occurrence 0 .. 1</p> <p>Length 1 .. 512</p> <p>Description Free text value 2</p> |
| PreviousExchangeNumber | <p>Occurrence 0 .. 1</p> <p>Length 1 .. 44</p> <p>Description Exchange number of the interchange of the previous message.</p> |
| PreviousMessageNumber | <p>Occurrence 1 .. 1</p> <p>Length 1 .. 44</p> <p>Description Message number of the previous message.</p> |
| PreviousMessageDate | <p>Occurrence 0 .. 1</p> <p>Description Message date of the previous message.</p> |

| Element/Attribute | Annotation |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Errors | Occurrence 0 .. 1 Description A List of elements which containing error information like error code and error text. |
| xs:sequence | Occurrence 1 .. 1 |
| Error | Occurrence 1 .. 99 |
| xs:sequence | Occurrence 1 .. 1 |
| ErrorCode | Occurrence 1 .. 1 Length 1 .. 12 Description Error code |
| ErrorCodeList | Occurrence 0 .. 1 Length 1 .. 5 Description Code of the code list which contains the error code |
| ErrorCodeListAgency | Occurrence 0 .. 1 Length 1 .. 5 Description Agency who is responsible for the error code list |
| ErrorInformations | Occurrence 0 .. 1 |
| xs:sequence | Occurrence 1 .. 1 |
| ErrorInfo | Occurrence 1 .. 99 Description An info text describing the error. |
| <i>LanguageCode</i> | Length 1 .. 2 Pattern [A-Z]{2} Description Language code of the error text. |
| xs:sequence | Occurrence 1 .. 1 |
| Text | Occurrence 1 .. 1 Length 1 .. 512 |