ALPO
EVENT
XML SCHEMA GUIDE

VERSION 1.0

dbh

VERSION OVERVIEW

Date	Version	Change Log	Author
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INTRODUCTION

The following XML Schema Guide describes the ALPO OrderIn XML interface with regard to the ALPO response messages / "Event messages".

It is based on "ALPO_OrderIn_extern_V1_47.xsd," which is also available as a technical document.

The general functionality of the interface is described in the document "ALPO_General Interface Documentation_V1.0".

It is possible to connect to a test system to check the implementation of the interface.

Please do not hesitate to contact us if you have any questions.

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Structure

Occurrence	Element/Attribute

AdvantageEnterpriseVersion0.1

Occurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 1	**SENDER**
1 .. 1	xs:sequence
1 .. 1	**ID_SENDERSYSTEM**
1 .. 1	**SENDER_REFERENZ**
1 .. 1	**Benutzer_ID**
1 .. 1	**EMPFANGSSYSTEM**
1 .. 1	xs:sequence
1 .. 1	**ID_EMPFANGSSYSTEM**
1 .. 1	**NachrichtenZeitstempel**
1 .. 1	xs:sequence
1 .. 1	**Tag**
1 .. 1	**Zeit**
1 .. 1	**StatusMeldungen**
1 .. 1	xs:sequence
1 .. 9999	**Statusmeldung**
1 .. 1	xs:sequence
1 .. 1	**StatusTyp**
1 .. 1	**StatusAm**
1 .. 1	xs:sequence
1 .. 1	**Tag**
1 .. 1	**Zeit**
0 .. 1	**StatusTypDetails**
1 .. 1	xs:sequence
1 .. 999	**DetailsZeile**
0 .. 1	**SENDER_REFERENZ**
1 .. 1	**EMPFAENGER_REFERENZ**
0 .. 1	**HafenReferenz**
1 .. 1	xs:choice
1 .. 1	**BHT**
1 .. 1	xs:sequence
1 .. 1	**BHT-Referenz**
0 .. 1	**KopfNummer**
0 .. 1	**AuftragsPosition**
1 .. 1	**ZAPP**
1 .. 1	xs:sequence
1 .. 1	**ZAPP-Referenz**
0 .. 1	**AuftragStatus**
0 .. 1	**AuftragStatusText**
0 .. 1	**StatusDetails**
1 .. 1	xs:sequence
1 .. 99	**DetailsZeile**
0 .. 1	**ASumAMRN**
0 .. 1	**ASumAMRNLfdNr**
0 .. 1	**ASumAKontrollmassnahmeCode**
0 .. 1	**ASumAKontrollmassnahmeText**
0 .. 1	**ASumAKontrollmassnahmePos**

Guideline

Element/Attribute	Annotation	
AdvantageEnterpriseVersion0.1	*Type*	AdvantageEnterpriseType
└ xs:sequence	*Occurence*	1 .. 1
SENDER	*Occurence*	1 .. 1
	Type	SENDERType
└ xs:sequence	*Occurence*	1 .. 1
─ **ID_SENDERSYSTEM**	*Occurence*	1 .. 1
	Type	restriction (xs:string)
	Description	Always = ALPO
─ **SENDER_REFERENZ**	*Occurence*	1 .. 1
	Type	restriction (xs:string)
	Description	ALPO order number
─ **Benutzer_ID**	*Occurence*	1 .. 1
	Type	xs:string
	Description	Eight-digit dbh customer number, which will be provided after setup is completed by dbh.
─ **EMPFANGSSYSTEM**	*Occurence*	1 .. 1
└ xs:sequence	*Occurence*	1 .. 1
─ **ID_EMPFANGSSYSTEM**	*Occurence*	1 .. 1
	Type	restriction (xs:string)
	Description	Eight-digit dbh customer number, which will be provided after setup is completed by dbh.
─ **NachrichtenZeitstempel**	*Occurence*	1 .. 1
	Type	ZeitstempelType
	Description	Timestamp of the dbh event message.
└ xs:sequence	*Occurence*	1 .. 1
─ **Tag**	*Occurence*	1 .. 1
	Type	xs:date
	Description	Format: YYYY-MM-DD
─ **Zeit**	*Occurence*	1 .. 1
	Type	xs:time
	Description	Format: HH:MM:SS
─ **StatusMeldungen**	*Occurence*	1 .. 1
└ xs:sequence	*Occurence*	1 .. 1
─ **Statusmeldung**	*Occurence*	1 .. 9999
	Type	StatusmeldungType
└ xs:sequence	*Occurence*	1 .. 1
─ **StatusTyp**	*Occurence*	1 .. 1
	Type	restriction (xs:string)
	Description	Specifies the status type of the event. This can be an ALPO receipt or a port system status message.

Applicable Codes	
ACKNOWLEDGE	ALPO receipt
ACKNOWLEDGECANCELATION	ALPO receipt
APCS	Port system status
BHT	Port system status
DELETED	ALPO receipt
ECS	Port system status
PSA	Port system status
REJECTED	ALPO receipt
ZAPP	Port system status

Element/Attribute	Annotation	
─ **StatusAm**	*Occurence*	1 .. 1
	Type	ZeitstempelType
	Description	Timestamp of the port system message.
─ xs:sequence	*Occurence*	1 .. 1
─ **Tag**	*Occurence*	1 .. 1
	Type	xs:date
	Description	Format: YYYY-MM-DD

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation		
└ **Zeit**	Occurence	1 .. 1	
	Type	xs:time	
	Description	Format: HH:MM:SS	
┌ **StatusTypDetails**	Occurence	0 .. 1	
└ xs:sequence	Occurence	1 .. 1	
└ **DetailsZeile**	Occurence	1 .. 999	
	Type	restriction (xs:string)	
	Length	.. 70	
	Description	Additional info text about the status.	
─ **SENDER_REFERENZ**	Occurence	0 .. 1	
	Type	restriction (xs:string)	
	Description	ALPO order number	
─ **EMPFAENGER_REFERENZ**	Occurence	1 .. 1	
	Type	restriction (xs:string)	
	Description	Unique order reference of the receiving system. (Transmitted as <SENDER_REFERENZ> by the client in the ALPO order.)	
┌ **HafenReferenz**	Occurence	0 .. 1	
	Type	StatusmeldungHafenReferenzType	
	Description	Indication of the order number of the port system that was adressed.	
└ xs:choice	Occurence	1 .. 1	
┌ **BHT**	Occurence	1 .. 1	
	Type	StatusmeldungBHTReferenzType	
└ xs:sequence	Occurence	1 .. 1	
─ **BHT-Referenz**	Occurence	1 .. 1	
	Type	restriction (xs:string)	
	Length	.. 7	
	Description	Specification of the BHT/WHT reference.	
─ **KopfNummer**	Occurence	0 .. 1	
	Type	restriction (xs:string)	
	Length	.. 3	
	Description	Specification of the header number to the BHT/WHT reference.	
└ **AuftragsPosition**	Occurence	0 .. 1	
	Type	restriction (xs:string)	
	Length	.. 4	
	Description	Specification of the position number within the port order of the BHT/WHT reference.	
┌ **ZAPP**	Occurence	1 .. 1	
	Type	StatusmeldungZAPPReferenzType	
└ xs:sequence	Occurence	1 .. 1	
└ **ZAPP-Referenz**	Occurence	1 .. 1	
	Type	restriction (xs:string)	
	Description	Specification of the ZAPP/EMP reference. Z-/B-/S number.	
─ **AuftragStatus**	Occurence	0 .. 1	
	Type	restriction (xs:string)	
	Length	.. 3	
	Description	Specification of the status code of the response. The table with the codes for each port module is available from dbh Support.	
─ **AuftragStatusText**	Occurence	0 .. 1	
	Type	xs:string	
	Description	Status text for the specified status code.	
┌ **StatusDetails**	Occurence	0 .. 1	
└ xs:sequence	Occurence	1 .. 1	
└ **DetailsZeile**	Occurence	1 .. 99	
	Type	restriction (xs:string)	
	Length	.. 70	

Element/Attribute	Annotation	
	Description	Additional info text about the status from the port system.
— **ASumAMRN**	Occurence	0 .. 1
	Type	restriction (xs:string)
	Length	.. 18
	Description	Transmission of the Exit Summary Declaration MRN if an EXS was created via ALPO.
— **ASumAMRNLfdNr**	Occurence	0 .. 1
	Type	restriction (xs:int)
	FractionDigits	0
	Inclusive	1 .. 999
	Description	EXS goods item number
— **ASumAKontrollmassnahmeCode**	Occurence	0 .. 1
	Type	restriction (xs:string)
	Length	.. 4
	Description	Indication of the customs control measure code. Only for BHT/WHT/ZAPP/EMP Exit Summary Declarations.
	Applicable Codes	
	D001	
	P001	
	R001	
	S001	
	X001	
— **ASumAKontrollmassnahmeText**	Occurence	0 .. 1
	Type	restriction (xs:string)
	Length	.. 100
	Description	Indication of the customs control measure text. Only for BHT/WHT/ZAPP/EMP Exit Summary Declarations.
— **ASumAKontrollmassnahmePos**	Occurence	0 .. 1
	Type	restriction (xs:integer)
	FractionDigits	0
	Inclusive	0 .. 999
	Description	EXS Item number for which a control measure was triggered by customs. Only for BHT/WHT/ZAPP/EMP Exit Summary Declarations.

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