

Generic elements for Legal & Fiscal messaging

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Context

Message schemas have reusable parts, used to transport information about business objects needed in different use cases.

Business objects

Identifiers of business objects in different systems

UniqueID	Occurrence	Additional information
@ID	1	ID of the business object (e.g. hotel, invoice, customer, reservation)
@ID_Context	1	System identifier (which generated the ID)

@Type	1	see protel Code List PIT - IO Unique ID Types "Tenant", "Invoice", "Customer", "Hotel"
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Persons

Person Info (XSD: IOPersonType)	Occurrence	Additional information	protelAir field	protelAir logic / status
FirstName	0..1		Guest.FirstName	
LastName	1	Person's or Company's name	Guest.LastName	
MiddleName	0..1		Guest.MiddleName	
SecondName	0..1			
Title	0..1		Guest.Title	
Salutation	0..1		Guest.Salut	
BirthDate	0..1		Guest.BirthDate	
BirthPlace	0..1	Municipality of birth		
BirthCountry	0..1	Country of birth	Guest.BirthPlace	
Nationality	0..1	Nationality of profile (2-letter ISO)	Guest.Nationality	
Notes	0..1	Free text	Guest.GuestNotes	
Language	0..1	Language code of profile (2-letter ISO)	Guest.Language	
Passport	0..1	Number of passports	Guest.Passport	
Department	0..1	Department of the company the person is working	Guest.Department	
Gender	0..1	Gender code of the person	Guest.Gender	
TaxNumber	0..1		Guest.SalesTaxNumber	
TaxNumber2	0..1		Guest.SalesTaxNumber2	
Adresses	0..1	Postal address of the legal/private person		
Adresses Address	1..n			
see Generic elements for Legal & Fiscal messaging#Adresses				
EmailAddresses	0..1	E-Mail addresses to use		
EmailAddresses Communication	1..n			
see Generic elements for Legal & Fiscal messaging#Communications				
PhoneNumbers	0..1	Phone number to use		

PhoneNumbers Communication	1..n			
see Generic elements for Legal & Fiscal messaging#Communications				
FaxNumbers	0..1	Fax numbers to use		
FaxNumbers Communication	1..n			
see Generic elements for Legal & Fiscal messaging#Communications				
OtherCommunications	0..1	Further communication methods available		
OtherCommunications Communication	1..n			
see Generic elements for Legal & Fiscal messaging#Communications				
Company	0..1	Company related to the (private) profile		If profile is a person, it may have a company relationship
see Generic elements for Legal & Fiscal messaging#Persons				
ContactPerson	0..1	Contact person related to the (company) profile		If profile is a company, it may have a contact person named
see Generic elements for Legal & Fiscal messaging#Persons				
AccountingInfos		Accounting Infos		
@PublicAdministrationInd	0..1	<ul style="list-style-type: none"> • "true" • "false" 		If it is set to true, the PublicAdministration is active for this profile (legal requirement for Italy)
@SplitPaymentInd	0..1	<ul style="list-style-type: none"> • "true" • "false" 		If it is set to true, the SplitPayment is active for this profile (legal requirement for Italy)
@FiscalUID	0..1	UID Number		
@CompanyRegNumber	0..1	Company Registration Number		

Addresses

Address info (XSD: IOAddressType)	Occurrence	Additional Information	protelAir field	protelAir logic / status
@PostCode	1	Code/Zip of municipality	Address.ZIP	
@CountryCode	1	Country's 2-letter ISO code	Address.CountrCode	
@PrimaryInd	0..1			
City	1	Name of city		
Value	1		Address.City	

Street1	1	Address line 1		
Value	1		Address.Street1	
Street2	0..1	Address line 2		
Value	1		Address.Street2	
Street3	0..1	Address line 3		
Value	1		Address.Street3	
State	0..1	Name of the federal state		
Value	1		Address.State	
Region	0..1			
Value	1			
Notes	0..1			

Communications

Communication info (XSD: IOCommunicationType)	Occurrence	Additional Information	protelAir field	protelAir logic / status
@Value	1	Number or actual address to use	GuestCommunication.Value	
@Type	0..1	Type of communication method	GuestCommunication.SystemTypeID	<ul style="list-style-type: none"> 1: Phone 2: Mobile Phone 3: Email 4: Fax
@Notes	0..1	Description	GuestCommunication.Notes	
@PrimaryInd	0..1	Indicator (true/false) for the primary method to use	GuestCommunication.Primary	

Items

Item (XSD: IOItemType)	Occurrence	Additional Information	protelAir field	protelAir logic / status
@Quantity	1	Number of items	InvoicedItem.Quantity	
@TaxRate	1	Rate (Percentage) of VAT applied	TaxLogic.Rate	
@TaxCode	1	Code of tax logic applied	TaxLogic.Code	
@Type	1	Item type like deposit, package, payment, etc.	InvoicedItem.TypeID	
@ServiceDate	1	ISO DateTime of item generation	InvoicedItem.ServiceDate	

@CashRegisterID	0..1	Cash Register the user was logged in to	InvoicedItem.CachRegisterID	
@TransactionCode	0..1			
@PostingAccount	0..1			
PostingText	1			
Value		Item posting text	InvoicedItem.PostingText	
AdditionalText	0..1			
Value		Additional posting text	InvoicedItem.AdditionalText	
TotalAmountAfterTax	1			
see Generic elements for Legal & Fiscal messaging#CurrencyAmounts		Total of posting after VAT applied	InvoicedItem.ATTTotalAmount	
SingleAmountAfterTax	1			
see Generic elements for Legal & Fiscal messaging#CurrencyAmounts		Single item after VAT applied	InvoicedItem.ATSingleAmount	
TotalAmountBeforeTax	1			
see Generic elements for Legal & Fiscal messaging#CurrencyAmounts		Total of posting before VAT applied	InvoicedItem.PTTotalAmount	
SingleAmountBeforeTax	1			
see Generic elements for Legal & Fiscal messaging#CurrencyAmounts		The single item before VAT applied	InvoicedItem.PTSingleAmount	
TaxInfo	0..1			
@Rate	1	Tax Rate (Percentage)		
@ID	0..1	ID of TaxLogic		
@Code	0..1	Code of TaxLogic		
@SubCode1	0..1	Code of TaxLogic		
@SubCode2	0..1	Code of TaxLogic		
Value	0..1	Name of TaxLogic		

Currency Amounts

Amount info (XSD: IOCurrencyAmountType)	Occurrence	Additional Information	protelAir field	protelAir logic / status
@ExchangeRate	1	If the foreign currency was used, this exchange rate has been used for conversion	CurrencyAmount.ExchangeRate	
@CurrencyCode	1	3-letter currency code	CurrencyAmount.CurrencyCode	
Amount	1	Amount in local hotel currency	CurrencyAmount.Amount	
Value				

Generic Elements

*RQ and *RS messages must hold these attributes

Message header elements	Occurrence	Additional information
@CorrelationID	1	Must be sent to refer RS originating request
@Timestamp	1	Must be sent to log sender time and zone
@Version	1	Must be sent to detect compatibility problems

Generic Results message elements

*RS Success	0..1	The element must be present if the result should be processed
*RS Errors	0..1	
*RS Errors Result	1..n	Send one or more errors, that prevented successful message processing
@Code	1	Code of the error
@ReferenceCode	1	Refer to the identifier of business in RQ message
*RS Errors Result Message		
		Description of what went wrong
*RS Warnings	0..1	
*RS Warnings Result	1..n	
@Code	1	Code of the error
@ReferenceCode	1	Refer to the identifier of business in RQ message
*RS Warnings Result Message		
		Description of what went wrong

