



Profile_CreateProfile_12.2_Reply

Technical Reference

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Introduction

This document is the technical reference for an Amadeus functional interface. This reference is not directly bundled to Amadeus Programming Interface development or any other development flavour. It is just a generic description of the interface through all the services it publishes.

Structure hierarchy

- * A service contains an input message and an output message.
- * A query/reply structure contains a list of simple structures and a list of grouped structures.
- * A grouped structure contains a list of simple structures and a list of grouped structures.
- * A simple structure contains a list of data elements and grouped data elements.
- * A data element can be coded, therefore a code list is described in a separate table.

Document structure

- * Service overview.
- * Query and output messages for the service, with their corresponding description.
- * For each query/reply structure, a table describing its higher level entities of the query/reply structure.
- * For each grouped or simple structure, a table describing the entities they are built with.
- * For each coded entity, a table describing the possible coded values it can take.

Grouped structures introduces the 'level' concept within a structure. This level is reflected in the structure tables via indentation.

Document navigation

The document uses internal links to quickly navigate between referenced entities and its corresponding structure and substructures (if any).

Glossary

Element representation

Format Description

Name	Type	Occ	Nil	Description
The element's name	The simple type that defines the textual content of an element	Minimum occurrences / Maximum occurrences	Nilable (Specifies whether an explicit null value can be assigned to the element.)	The element's documentation

Attributes

Name	Type	Use	Value	Description
The attributes's name	The attributes's type, if it has a declared type	The attributes's use. optional prohibited required	FIXED: The attribute 'fixed' or 'default' value.	The attribtues's documentation

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1. Technical Reference

1.1. AMA_ProfileCreateRS

XPath :/AMA_ProfileCreateRS

Format Description

Name	Type	Occ	Nil	Description
AMA_ProfileCreateRS		1 / 1	false	

Elements

Name	Type	Occ	Nil	Description
<i>choice</i>		1 / 1		
<i>sequence</i>		1 / 1		
Success	SuccessType	1 / 1	false	
UniqueID	UniqueID_Type	0 / 5	false	
ExternalID	ExternalID_Type	0 / 25	false	
Warnings	WarningsType	0 / 1	false	
Errors	ErrorsType	1 / 1	false	

Attributes

Name	Type	Use	Value	Description
EchoToken	StringLength1to128	optional		A reference for additional message identification, assigned by the requesting host system. When a request message includes an echo token the corresponding response message MUST include an echo token with an identical value.
Version	xs:decimal	required		For all OTA versioned messages, the version of the message is indicated by a decimal value.
PrimaryLangID	xs:language	optional		Identifies the primary language preference for the message. The human language is identified by ISO 639 codes.
Usage	StringLength1to128	optional		Describes the context of the transaction (e.g. Booking, Self Administration, ...).

1.1.1. Success

XPath :/AMA_ProfileCreateRS/Success

Format Description

Name	Type	Occ	Nil	Description
Success	SuccessType	1 / 1	false	

1.1.2. UniqueID

XPath :/AMA_ProfileCreateRS/UniqueID

Format Description

Name	Type	Occ	Nil	Description
UniqueID	UniqueID_Type	0 / 5	false	

Attributes

Name	Type	Use	Value	Description
Type		required		A reference to the type of object defined by the UniqueID element. Refer to OTA Code List Unique ID Type (UIT).
Instance	StringLength1to32	optional		The identification of a record as it exists at a point in time. An instance is used in update messages where the sender must assure the server that the update sent refers to the most recent modification level of the object being updated.
ID	StringLength1to255	required		A unique identifying value assigned by the creating system. The ID attribute may be used to reference a primary-key value within a database or in a particular implementation.
ID_Context	StringLength1to64	optional		Used to identify the source of the identifier (e.g., IATA, ABTA).
RPH	RPH_Type	optional		This is a reference placeholder.

Attribute: Type

Variety: atomic

Base: [OTA_CodeType](#)

Documentation:

Enumeration	description
1	
4	The Unique ID is a Customer ID (Login, ...)
5	The Unique ID is a Travel Agency ID (Contact, ...)
9	The Unique ID is a Group Unique ID (OfficeID, Sitecode ...)
21	The Unique ID is a Profile Unique ID (CSX Record Locator ...)
91	The Unique ID is a Superset ID for NGP
101	The Unique ID is a Rule for NGP
105	The Unique ID is a Social Network ID (Facebook uid, Twitter uid...)

106	The Unique ID is an ID of an Application in the SocialNetwork
107	The Unique ID is a PNR RecLoc
108	The Unique ID is a Smartphone Device ID: Apple or Android device ID for instance

1.1.3. ExternalID

XPath :/AMA_ProfileCreateRS/ExternalID

Format Description

Name	Type	Occ	Nil	Description
ExternalID	UniqueID_Type	0 / 25	false	

Attributes

Name	Type	Use	Value	Description
Type		required		A reference to the type of object defined by the UniqueID element. Refer to OTA Code List Unique ID Type (UIT).
Instance	StringLength1to32	optional		The identification of a record as it exists at a point in time. An instance is used in update messages where the sender must assure the server that the update sent refers to the most recent modification level of the object being updated.
ID	StringLength1to255	required		A unique identifying value assigned by the creating system. The ID attribute may be used to reference a primary-key value within a database or in a particular implementation.
ID_Context	StringLength1to64	optional		Used to identify the source of the identifier (e.g., IATA, ABTA).
RPH	RPH_Type	optional		This is a reference placeholder.
Access_Token	StringLength1to512	optional		Security Token used to access External Data (ie Social Network, Mobile devices...).
Access_Token_Secret	StringLength1to512	optional		Security Token, used with OAuth v1 (ex: LinkedIn)
ApplicationOwnerID	StringLength1to255	optional		The ID of the Application which is owner the Token for the End-User ID.
ApplicationOwnerKey	StringLength1to512	optional		The Application Key (AppSecret) of the Application.
Timestamp	StringLength1to64	optional		Timestamp of the Access Token
NotifLink	RPH_Type	optional		Enables to reuse customer data such as an email or a phone as notification media

Attribute: Type

Variety: atomic

Base: [OTA_CodeType](#)

Documentation:

Enumeration	description
1	
4	The Unique ID is a Customer ID (Login, ...)
5	The Unique ID is a Travel Agency ID (Contact, ...)
9	The Unique ID is a Group Unique ID (OfficeID, Sitecode ...)
21	The Unique ID is a Profile Unique ID (CSX Record Locator ...)
91	The Unique ID is a Superset ID for NGP
101	The Unique ID is a Rule for NGP
105	The Unique ID is a Social Network ID (Facebook uid, Twitter uid...)
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107	The Unique ID is a PNR RecLoc
108	The Unique ID is a Smartphone Device ID: Apple or Android device ID for instance

1.1.4. Warnings

XPath :/AMA_ProfileCreateRS/Warnings

Format Description

Name	Type	Occ	Nil	Description
Warnings	WarningsType	0 / 1	false	

Elements

Name	Type	Occ	Nil	Description
<i>sequence</i>		1 / 1		
Warning	WarningType	1 / 999	false	

1.1.4.1. Warning

XPath :/AMA_ProfileCreateRS/Warnings/Warning

Format Description

Name	Type	Occ	Nil	Description
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Warning	xs:string	1 / 999	false	
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Attributes

Name	Type	Use	Value	Description
Language	xs:language	optional		Language identification.
Type	OTA_CodeType	required		The Warning element MUST contain the Type attribute that uses a recommended set of values to indicate the warning type. The validating XSD can expect to accept values that it has NOT been explicitly coded for and process them by using Type ="Unknown". Refer to OTA Code List Error Warning Type (EWT).
ShortText	StringLength1to512	optional		
Code	OTA_CodeType	optional		If present, this refers to a table of coded values exchanged between applications to identify errors or warnings. Refer to OTA Code List Error Codes (ERR).
Tag	xs:string	optional		If present, this attribute is used to convey the element and item tags .
NodeList	xs:string	optional		An XPath expression that selects all the nodes whose data caused this error. Further, this expression should have an additional constraint which contains the data of the node. This will provide the offending data back to systems that cannot maintain the original message.
RegularExpression	StringLength1to512	optional		If present, this attribute is used to convey the regular expression.

1.1.5. Errors

XPath :/AMA_ProfileCreateRS/Errors

Format Description

Name	Type	Occ	Nil	Description
Errors	ErrorsType	1 / 1	false	

Elements

Name	Type	Occ	Nil	Description
<i>sequence</i>		1 / 1		
Error	ErrorType	1 / 99	false	

1.1.5.1. Error

XPath :/AMA_ProfileCreateRS/Errors/Error

Format Description

Name	Type	Occ	Nil	Description
Error	xs:string	1 / 99	false	

Attributes

Name	Type	Use	Value	Description
Language	xs:language	optional		Language identification.
Type	OTA_CodeType	required		The Error element MUST contain the Type attribute that uses a recommended set of values to indicate the error type. The validating XSD can expect to accept values that it has NOT been explicitly coded for and process them by using Type ="Unknown". Refer to OTA Code List Error Warning Type (EWT).
ShortText	StringLength1to512	optional		
Code	OTA_CodeType	optional		If present, this refers to a table of coded values exchanged between applications to identify errors or warnings. Refer to OTA Code List Error Codes (ERR).
Tag	xs:string	optional		If present, this attribute is used to convey the element and item tags .
RecordID	StringLength1to64	optional		If present, this attribute is used to convey the Frequent Flyer Number and the Aircode.
RegularExpression	StringLength1to512	optional		If present, this attribute is used to convey the regular expression.
NodeList	xs:string	optional		An XPath expression that selects all the nodes whose data caused this error. Further, this expression should have an additional constraint which contains the data of the node. This will provide the offending data back to systems that cannot maintain the original message.

2. Common Simple Types

2.1. OTA_CodeType

Variety: atomic

Base: xs:string

Documentation: Used for codes in the OTA code tables. Possible values of this pattern are 1, 101, 101.EQP, or 101.EQP.X.

Restriction	Value
pattern	[0-9A-Z]{1,3}(\.[A-Z]{3}(\.X){0,1}){0,1}

2.2. RPH_Type

Variety: atomic

Base: [StringLength0to128](#)

Documentation: (Reference Place Holder) - an index code to identify an instance in a collection of like items.. For example, used to assign individual passengers or clients to particular itinerary items.

2.3. StringLength0to128

Variety: atomic

Base: xs:string

Documentation: Used for Character Strings, length 0 to 128

Restriction	Value
minlength	0
maxlength	128

2.4. StringLength1to128

Variety: atomic

Base: xs:string

Documentation: Used for Character Strings, length 1 to 128

Restriction	Value
minlength	1
maxlength	128

2.5. StringLength1to255

Variety: atomic

Base: xs:string

Documentation: Used for Character Strings, length 1 to 255

Restriction	Value
minlength	1
maxlength	255

2.6. StringLength1to32

Variety: atomic

Base: xs:string

Documentation: Used for Character Strings, length 1 to 32

Restriction	Value
minlength	1
maxlength	32

2.7. StringLength1to512

Variety: atomic

Base: xs:string

Documentation: Used for Character Strings, length 1 to 512

Restriction	Value
minlength	1
maxlength	512

2.8. StringLength1to64

Variety: atomic

Base: xs:string

Documentation: Used for Character Strings, length 1 to 64

Restriction	Value
minlength	1

maxlength	64
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