



## Web Services User's Guide

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# Profile\_AirlineRetrieve 12.2

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## Preface

### 1 Purpose of this document

The purpose of this document is to provide basic functional overview descriptions and relevant examples for a better understanding of the functions.

### 2 Intended Audience

This document is aimed at those who implement this function.

### 3 Associated Documents

This document has to be combined to its corresponding Technical Reference Guide and possibly to Product specifications.

### 4 Structure of this document

This document is composed of the following parts:

- the functional description: overview, supported operations, limitations, unsupported operations, prerequisites and possibly reference to product specifications
- the detailed description to build the query and to retrieve data from the reply
- a set of relevant examples

## Profile\_AirlineRetrieve

This service is used for the retrieval of airline profiles in Amadeus Customer Database.

## Function: Profile\_AirlineRetrieve.

### 1 Overview

The retrieve service interfaces is made of the following XML messages:

AMA\_ProfileReadRQ and AMA\_ProfileReadRS.

The profile is identified with its Frequent Flyer number.

#### 1.1 Supported Operations

The supported operations are the following ones:

- Profile retrieval
- Multi Profile retrieval
- Search

#### 1.2 Limitations

Not applicable

#### 1.3 Unsupported Operations

Not applicable

#### 1.4 Prerequisites

Not applicable

## 2 Building A Query

Three elements are mandatory in a retrieve request:

- AMA XML Message version
- Profile Type
- Unique identifier of the profile (Frequent Flyer number or Corporate number or Amadeus Customer Server record locator)

Please note that in the case of Multi-Retrieve, several profile unique identifier (Frequent Flyer Number) must be in the query, with the corresponding Airline code

A search can also be performed using this message. It can be performed using the following criteria:

Airline code / Surname and all combinations with:

- First name
  - Date of birth
  - Address country code
  - Zip code
  - Customer type
  - Home airport code
  - Corporate name
- Corporate record locator

Phone

Email

National ID

### 3 Receiving A Reply

If the profile retrieve is correctly processed and the profile exists in the Amadeus Customer Server, the system returns the complete profile data as they were last entered either during a creation or an update process.

If an error occurs during the process, an error code and the corresponding error message are returned.

## 4 Error Messages

In case the request has not been correctly processed, an error message will be sent back.

### 4.1 Error Reply

## 5 Operations

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### 5.1 Operation: Multi Profile Retrieval

Here is an example of AMA\_ProfileReadRQ message for profile Multi retrieval by Frequent Flyer Number :

#### 5.1.1 Query Structure

```
<AMA_ProfileReadRQ xmlns="http://xml.amadeus.com/2008/10/AMA/Profile" Version="12.2" >
  <UniqueID Type="21" ID="000123450" ID_Context="LOYALTYNUMBER" />
  <UniqueID Type="21" ID="000123451" ID_Context="LOYALTYNUMBER" />
  <UniqueID Type="21" ID="000123452" ID_Context="LOYALTYNUMBER" />
  <UniqueID Type="9" ID="6X" ID_Context="AIRCODE" />
  <ReadRequests>
    <ProfileReadRequest ProfileType="21" />
  </ReadRequests>
</AMA_ProfileReadRQ>
```

#### 5.1.2 Reply Structure

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#### 5.1.3 Possible Errors

## 5.2 Operation: Profile Retrieval

Here is an example of AMA\_ProfileReadRQ message for profile retrieval by Record Locator:

### 5.2.1 Query Structure

```
<AMA_ProfileReadRQ xmlns="http://xml.amadeus.com/2008/10/AMA/Profile" Version="12.2" >
  <UniqueID Type="21" ID_Context="CSX" ID="XLGPGL" />
  <ReadRequests>
    <ProfileReadRequest ProfileType="21" />
  </ReadRequests>
</AMA_ProfileReadRQ>
```

### 5.2.2 Reply Structure

```
<AMA_ProfileReadRS xmlns="http://xml.amadeus.com/2008/10/AMA/Profile" Version="12.2" >
  <Success/>
  <Profiles>
    <ProfileInfo>
      <UniqueID Type="21" Instance="1" ID="1WFQ6P" ID_Context="CSX" />
      <UniqueID Type="9" ID="6X" ID_Context="AIRCODE" />
      <UniqueID Type="21" ID="6002858" ID_Context="LOYALTYNUMBER" />
      <Profile ProfileType="21" CreatorID="NCE6X0555" Status="A" >
        <Customer>
          <PersonName>
            <GivenName>STEPHEN MR</GivenName>
            <Surname>SY</Surname>
          </PersonName>
          <Telephone PhoneLocationType="7" PhoneTechType="1" PhoneNumber="+33 1
04-97-15-45-25" DefaultInd="0" />
          <Address FormattedInd="1" Description="Primary" DefaultInd="1" UseType="1" >
            <AddressLine>Stringline 1</AddressLine>
            <AddressLine>Stringline 2</AddressLine>
            <CityName>Nice</CityName>
            <PostalCode>06000</PostalCode>
            <CountryName Code="FR" />
          </Address>
          <RelatedCompany>
            <UniqueID Type="21" ID="XL4KN3" ID_Context="CSX" />
            <CompanyName>PERE NOEL</CompanyName>
          </RelatedCompany>
          <CustLoyalty LoyalLevel="5" AllianceLoyalLevelDescription="Ruby" CustomerType="FREQ" />
          <PersonId>PNN12345</PersonId>
        </Customer>
      </Profile>
    </ProfileInfo>
  </Profiles>
</AMA_ProfileReadRS>
```

```
</ProfileInfo>  
</Profiles>  
</AMA_ProfileReadRS>
```

### 5.2.3 Possible Errors

See "Error Messages" section.

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## 5.3 Operation: Profile Search

Here is an example of AMA\_ProfileReadRQ message for Search by Name

### 5.3.1 Query Structure

```
<AMA_ProfileReadRQ xmlns="http://xml.amadeus.com/2008/10/AMA/Profile" Version="12.2"
MaxResponses="50" >
  <UniqueID Type="9" ID="CX" ID_Context="AIRCODE" />
  <ReadRequests>
    <ProfileReadRequest ProfileType="21" >
      <Customer>
        <PersonName>
          <GivenName>Stephen Mr</GivenName>
          <Surname>Sy</Surname>
        </PersonName>
      </Customer>
    </ProfileReadRequest>
  </ReadRequests>
</AMA_ProfileReadRQ>
```

### 5.3.2 Reply Structure

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### 5.3.3 Possible Errors