



Documentation

Ariadne XML Schema Structure for External Booking XML file

Guideline for 3rd party developers (who provide Ariadne external booking files)

Version 1.0

Introduction

The document target group is 3rd party developers, who want to create External XML booking files for the Ariadne booking software.

The document describes the XML Schema Structure that is used in the Ariadne software to validate the External Booking XML file.

The Ariadne install documentation describes how to setup Ariadne, so it can receive external booking files. It is important to note that it is only possible to do full external bookings. It is not possible to increment an external booking that has already been made earlier.

Definitions

Terms	Definitions
External (Ariadne) booking file	An XML file that contains bookings for the Ariadne booking software.
Incremental external booking	An update of an existing external booking file.

Structure of XML Schema

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="Events">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" name="Event">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="CustomerID" type="xs:unsignedShort" />
              <xs:element name="EventID" type="xs:string" />
              <xs:element name="Eventname" type="xs:string" />
              <xs:element name="Starttime" type="xs:string" />
              <xs:element name="Endtime" type="xs:string" />
              <xs:element name="Companyname" type="xs:string" />
              <xs:element name="Roomname" type="xs:string" />
              <xs:element name="Notes" type="xs:string" />
              <xs:element name="Createddate" type="xs:string" />
              <xs:element name="Groupevent" type="xs:unsignedByte" />
              <xs:element name="Modifieddate" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

CustomerID

Used for customer identification. CustomerID is unique and must be created in the Ariadne Web Application. The Ariadne Web Application can run several customers on one server, so this ID serves to place the external booking information with the correct customer and is therefore a fixed number for a given customer

EventID

Unique ID from external booking system, ex Primary key

Eventname

Event name (CDATA field)

Starttime

Start time of the event. This time must be local customer time so that the same UTC offset is used as possible users of the Web application. Format of this field is "MM-DD-YYYY hh:mm" with mm is the multiple of 15. Ex "12-03-2009 10:30"

Endtime

End time of the event. This time must be local customer time so that the same UTC offset is used as possible users of the Web application. Format of this field is "MM-DD-YYYY hh:mm" with mm is the multiple of 15. Ex "12-03-2009 11:45"

Companyname

Company name of the event. The Ariadne Web application uses logos that may be associated with a company name. If a logo has been created and associated with a company name, it will also appear in connection with external bookings. If there is no logo created for the external booking's company name, the name will be saved. But as no logo exists, no logo will be displayed. The customer may at any time use the New Media and Logo Associate in the Ariadne Web Application to upload and associate it with a company name

Roomname

Name of the room that is booked. Room name is unique and must be created in the Ariadne Web Application

Notes

Notes for the event. This text is not displayed on the Ariadne Signs, but only in the Ariadne Web Application's booking system

Createddate

Date for creating event. This time must be local customer time so that the same UTC offset is used as possible users of the Web application. Format of this field is "MM-DD-YYYY hh:mm". Ex "12-03-2009 10:12"

Groupevent

This is a Boolean function, which determines whether an event is to be shown on the directional signs. If this field is set to 0 the event will be listed on the directional signs and the meeting information can be seen on the door sign. Once the field is set to 1 the event will not be listed on the directional signs but the meeting information can still be seen on the door sign

Modifieddate

Last time the event has been modified. Format of this field is "MM-DD-YYYY hh:mm". Ex "12-03-2009 10:07"

External Booking XML file

There are 2 kind of external booking xml files:

- EB XML file without EventID and Modifieddate
- EB XML file with EventID and Modifieddate

The following is a few examples of bookings and XML files that use XML Schema described above

EB XML file without EventID and Modifieddate

DB layout at the customer

Cutome rID	Eventna me	Startti me	Endti me	Companyn ame	Roomna me	Not es	Createdd ate	Groupev ent
712	CVR - Statusm øde med DST; SKAT OG AT	12-15-2009 09:30	12-15-2009 11:40	Ole Navarsete	Møterom LU001		08-21-2009 09:03	1

Must become the following XML layout

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<Events>
  <Event>
    <CustomerID>712</CustomerID>
    <Eventname><![CDATA[CVR - Statusmøde med DST; SKAT OG AT]]></Eventname>
    <Starttime>12-15-2009 09:30</Starttime>
    <Endtime>12-15-2009 11:40</Endtime>
    <Companyname><![CDATA[Ole Navarsete]]></Companyname>
    <Roomname><![CDATA[Møterom LU001]]></Roomname>
    <Notes><![CDATA[]]></Notes>
    <Createdate>08-21-2009 09:03</Createdate>
    <Groupevent>1</Groupevent>
  </Event>
</Events>
```

EB XML file with EventID and Modifieddate

DB layout at the customer

CustomerID	EventID	Eventname	Starttime	Endtime	Company name	Room name	Notes	Modified date	Group event
593	891	Trespa	12-14-2009 13:30	12-14-2009 15:45	Modulex Billund	Modulex Meeting Room 1	Note for Event	09-11-2009 14:38	0

Must become the following XML layout:

```
<?xml version="1.0" encoding="UTF-8"?>
<Events>
  <Event>
    <CustomerID>593</CustomerID>
    <EventID><![CDATA[891]]></EventID>
    <Eventname><![CDATA[Trespa]]></Eventname>
    <Starttime>12-14-2009 13:30</Starttime>
    <Endtime>12-14-2009 15:45</Endtime>
    <Companyname><![CDATA[Modulex Billund]]></Companyname>
    <Roomname><![CDATA[Modulex Meeting Room 1]]></Roomname>
    <Notes><![CDATA[Note for Event]]></Notes>
    <Modifieddate>09-11-2009 14:38</Modifieddate>
    <GroupEvent>0</GroupEvent>
  </Event>
</Events>
```