

**Oracle® Hospitality OPERA Electronic
Distribution Systems (OEDS)**
Activity Web Service Specifications
Version 5.1

January 2018

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Preface

The objective of this document is to depict how the Activity Web Service messages function in OPERA Web Suite (OWS). This document also provides information necessary to develop custom applications that interact with Activity functionality through the programming language of your choice. In addition, it breaks-down the available complex and simple element types.

The OWS Activity Web Service retrieves the activity bookings for a guest's profile. The items which may be submitted in the request are various aspects of the guest profile record, such as a guest's name, guest ID, telephone number, or membership number. The requesting system submits an ActivityLookupRequest message, and the responding system returns an ActivityLookupResponse.

It is required, at a minimum, that the requesting system sends either a guest profile identifier valid in the external system, or a guest's last name. The receiving system may use the remainder of the filter information in order to further limit the search. However, as the request message includes a substantial number of data elements (due to message re-use), the receiving system is not required to process every filter item sent. The responding system should include profiles matching the search criteria regardless of whether or not there are activities attached to the profile.

The interface is provided as a Web service, utilizing standard SOAP calls. All transactions initiate as a request from the corporate or property web site, and a response is supplied by the Web Service. The Web Service runs under Microsoft Windows IIS and requires that Microsoft .NET version 2.0 or later is installed.

This document may not contain all the web service messages supported by OWS.

Audience

This document is intended for those developing custom applications that interact with Activity functionality.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:
<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received and any associated log files
- Screenshots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>

Revision History

Date	Description of Change
November 2009	<ul style="list-style-type: none">Initial publication
August 2010	<ul style="list-style-type: none">New web functions added to this service: ActivityAvailability, CreateActivity, FetchActivity and CancelActivity. Request and response message samples for these functions were added. V5.0.02.03
March 2014	<ul style="list-style-type: none">271127 - Update all OEDS Documentation with proper example data - Activity
January 2018	<ul style="list-style-type: none">Rebrand and update document format

1 Functional Overview

The following functions are provided through the Activity Web Service:

Function	Description
ActivityAvailability	Retrieves available activities.
ActivityLookup	Retrieves a list of activities the guest has reserved.
CancelActivity	Cancels guest activities.
CreateActivity	Creates guest activities.
FetchActivity	Fetches guest activities.

ActivityAvailability

Retrieves available activities.

Soap Action: <http://webservices.micros.com/ows/5.1/Activity.wsdl#ActivityAvailability>

ActivityAvailabilityRequest

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000040" primaryLangID="E"
      timeStamp="2004-01-13T14:58:44.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <ActivityAvailabilityRequest
      xmlns="http://webservices.micros.com/og/4.3/Activity/"
      xmlns:c="http://webservices.micros.com/og/4.3/Common/"
      xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:xsd="undefined"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <TimeSpan>
        <hc:StartDate>2009-07-24T09:00:00-
05:00</hc:StartDate>
        <hc:EndDate>2009-07-25T10:00:00-
05:00</hc:EndDate>
      </TimeSpan>
      <HotelReference chainCode="CHA"
hotelCode="SEPARA"/>
      <ActivityTypeCode>TENNIS</ActivityTypeCode>
      <ActivityCode/>
      <NameID type="EXTERNAL">5896250</NameID>
      <ResvNameId type="EXTERNAL">186166</ResvNameId>
    </ActivityAvailabilityRequest>
  </soap:Body>
```

```

</soap:Envelope>

<xs:complexType name="ActivityAvailabilityRequest">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="TimeSpan"
      xmlns:q1="http://webservices.micros.com/og/4.3/HotelCommon/"
      type="q1:TimeSpan" />
    <xs:element minOccurs="0" maxOccurs="1" name="HotelReference"
      xmlns:q2="http://webservices.micros.com/og/4.3/HotelCommon/"
      type="q2:HotelReference" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="ActivityTypeCode" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="ActivityCode"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="NameID"
      xmlns:q3="http://webservices.micros.com/og/4.3/Common/"
      type="q3:UniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" name="ResvNameId"
      xmlns:q4="http://webservices.micros.com/og/4.3/Common/"
      type="q4:UniqueID" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="PreferredResources"
      xmlns:q5="http://webservices.micros.com/og/4.3/Activity/"
      type="q5:ArrayOfResource" />
  </xs:sequence>
  <xs:attribute name="availabilityType" type="xs:string" />
  <xs:attribute name="externalSystemId" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
availabilityType	attribute	string	none	The availability type.
externalSystemId	attribute	string	none	The external system Id.
TimeSpan	element	TimeSpan	optional	The scheduled start time and length of the activity.
HotelReference	element	HotelReference	optional	The hotel reference.
ActivityTypeCode	element	string	optional	The activity type code.
ActivityCode	element	string	optional	The activity code.
NameID	element	UniqueID	optional	The name Id.
ResvNameId	element	UniqueID	optional	The reservation name Id.
PreferredResources	element	ArrayOfResource	optional	A collection of resources.

ActivityAvailabilityResponse

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">

```



```

        <soap:Header>
            <OGHeader transactionID="000040" timeStamp="2004-01-
13T14:58:44.946875-05:00" primaryLangID="E"
xmlns="http://webservices.micos.com/og/4.3/Core/">
                <Origin entityID="TI" systemType="ORS"/>
                <Destination entityID="1P" systemType="WEB"/>
            </OGHeader>
            <wsa:Action>http://webservices.micos.com/ows/5.1/Activity.
wsdl#ActivityAvailabilityResponse</wsa:Action>
            <wsa:MessageID>urn:uuid:782b4b26-7075-44b4-b96f-
293edb572d59</wsa:MessageID>
            <wsa:RelatesTo>urn:uuid:062e44b2-82af-4e6f-ab7d-
302e82f84469</wsa:RelatesTo>

            <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        </soap:Header>
        <soap:Body>
            <ActivityAvailabilityResponse
xmlns="http://webservices.micos.com/og/4.3/Activity/">
                <Result resultStatusFlag="SUCCESS"/>
                <ActivityAvailabilities>
                    <ActivityAvailability>
                        <TimeSpan>
                            <StartDate
xmlns="http://webservices.micos.com/og/4.3/HotelCommon/">2009-
07-24T10:00:00</StartDate>
                                <EndDate
xmlns="http://webservices.micos.com/og/4.3/HotelCommon/">2009-
07-24T10:59:59</EndDate>
                            </TimeSpan>
                            <Price
currencyCode="EUR">25</Price>
                                <Resources>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_C"/>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_D"/>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_A"/>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_B"/>
                                </Resources>
                                <ActivityCode>TENNIS</ActivityCode>
                                <Comments>This is sample
text</Comments>
                                    <MaxAvailable>4</MaxAvailable>
                                    <HotelReference
hotelCode="SEPARA"/>
                                        <OutletCode>TENNIS</OutletCode>
                                        <OutletDescription>Tennis
Courts</OutletDescription>
                                </ActivityAvailability>
                            <ActivityAvailability>
                                <TimeSpan>

```

```

                                <StartDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-24T11:00:00</StartDate>
                                <EndDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-24T11:59:59</EndDate>
                                </TimeSpan>
                                <Price
currencyCode="EUR">25</Price>
                                <Resources>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_C"/>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_D"/>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_A"/>
                                    <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_B"/>
                                </Resources>
                                <ActivityCode>TENNIS</ActivityCode>
                                <Comments>This is sample
text</Comments>
                                <MaxAvailable>3</MaxAvailable>
                                <HotelReference
hotelCode="SEPARA"/>
                                <OutletCode>TENNIS</OutletCode>
                                <OutletDescription>Tennis
Courts</OutletDescription>
                                </ActivityAvailability>
                                <ActivityAvailability>
                                    <TimeSpan>
                                        <StartDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-25T10:00:00</StartDate>
                                        <EndDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-25T10:59:59</EndDate>
                                    </TimeSpan>
                                    <Price
currencyCode="EUR">25</Price>
                                    <Resources>
                                        <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_C"/>
                                        <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_D"/>
                                        <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_A"/>
                                        <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_B"/>
                                    </Resources>
                                    <ActivityCode>TENNIS</ActivityCode>
                                    <Comments>This is sample
text</Comments>
                                    <MaxAvailable>4</MaxAvailable>
                                    <HotelReference
hotelCode="SEPARA"/>
                                    <OutletCode>TENNIS</OutletCode>

```

```

        <OutletDescription>Tennis
    Courts</OutletDescription>
        </ActivityAvailability>
        <ActivityAvailability>
            <TimeSpan>
                <StartDate
xmlns="http://webservices.micos.com/og/4.3/HotelCommon/">2009-
07-25T11:00:00</StartDate>
                    <EndDate
xmlns="http://webservices.micos.com/og/4.3/HotelCommon/">2009-
07-25T11:59:59</EndDate>
            </TimeSpan>
            <Price
currencyCode="EUR">25</Price>
            <Resources>
                <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_C"/>
                <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_D"/>
                <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_A"/>
                <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_B"/>
            </Resources>
            <ActivityCode>TENNIS</ActivityCode>
            <Comments>This is sample
text</Comments>
            <MaxAvailable>4</MaxAvailable>
            <HotelReference
hotelCode="SEPARA"/>
            <OutletCode>TENNIS</OutletCode>
            <OutletDescription>Tennis
    Courts</OutletDescription>
        </ActivityAvailability>
    </ActivityAvailabilities>
</ActivityAvailabilityResponse>
</soap:Body>
</soap:Envelope>

<xs:complexType name="ActivityAvailabilityResponse">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="Result"
xmlns:q1="http://webservices.micos.com/og/4.3/Common/"
type="q1:ResultStatus" />
        <xs:element minOccurs="0" maxOccurs="1"
name="ActivityAvailabilities"
xmlns:q2="http://webservices.micos.com/og/4.3/Activity/"
type="q2:ArrayOfActivityAvailability" />
    </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	An indication of the success or failure of the called function.
ActivityAvailabilities	element	ArrayOfActivityAvailability	optional	A collection of available activities.

ActivityLookup

Retrieves a list of activities the guest has reserved.

Soap Action: <http://webservices.micros.com/ows/5.1/Activity.wsdl#ActivityLookup>

ActivityLookupRequest

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000032" primaryLangID="E"
timeStamp="2004-01-09T09:55:16.3618750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="WEST" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <ActivityLookupRequest
xmlns:a="http://webservices.micros.com/og/4.3/Activity/"
xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns="http://webservices.micros.com/ows/5.1/Activity.wsdl">
      <ActivityLookup externalSystemId="SPASOFT">
        <a:ProfileID>
          <c:UniqueID source="OPERA">5296704</c:UniqueID>
        </a:ProfileID>
        <a:TimeSpan>
          <hc:StartDate>2009-01-15T14:00:00</hc:StartDate>
          <hc:EndDate>2009-02-15T14:30:00</hc:EndDate>
        </a:TimeSpan>
        <hc:HotelReference chainCode="WC" hotelCode="SEPARA"/>
      </ActivityLookup>
    </ActivityLookupRequest>
  </soap:Body>
</soap:Envelope>

<xs:complexType name="ActivityLookupRequest">
  <xs:annotation>
    <xs:appinfo>
```

```

    <keepNamespaceDeclarations>xsn</keepNamespaceDeclarations>
  </xs:appinfo>
</xs:annotation>
<xs:sequence>
  <xs:element minOccurs="0" maxOccurs="1" name="ActivityLookup"
    xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
    type="q1:ActivityLookup" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ActivityLookup	element	ActivityLookup	optional	Contains search criteria used for activity lookup.

ActivityLookupResponse

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">
  <soap:Header>
    <OGHeader transactionID="000005" timeStamp="2009-09-18T09:15:27.865-05:00" primaryLangID="E"
  xmlns="http://webservices.micros.com/og/4.3/Core/">
    <Origin entityID="TI" systemType="ORS" />
    <Destination entityID="WEST" systemType="WEB" />
  </OGHeader>

  <wsa:Action>http://webservices.micros.com/ows/5.1/Activity.wsdl#ActivityLookupResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:f376049e-caf8-406d-a166-257be3f8d347</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:9462ebb0-b0c4-4aad-a6df-e6e57edf9fff</wsa:RelatesTo>

  <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:To>
  </soap:Header>
  <soap:Body>
    <ActivityLookupResponse
  xmlns:a="http://webservices.micros.com/og/4.3/Activity/"
  xmlns:c="http://webservices.micros.com/og/4.3/Common/"
  xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
  xmlns="http://webservices.micros.com/ows/5.1/Activity.wsdl">
    <Result resultStatusFlag="SUCCESS" />
    <a:ActivityLookupList>
      <a:ActivityLookup>
        <a:ProfileID>
          <c:UniqueID source="OPERA">5296704</c:UniqueID>
        </a:ProfileID>

```

```

    <a:PersonName>
      <c:firstName> Jane</c:firstName>
      <c:lastName>Smith</c:lastName>
    </a:PersonName>
    <a:Address />
    <a:Activities>
      <a:Activity status="The activity status">
        <a:ActivityIDs>
          <c:UniqueID source="OPERA">67385</c:UniqueID>
          <c:UniqueID source="SPASOFT">5109</c:UniqueID>
        </a:ActivityIDs>
        <a:ActivityType>Spa</a:ActivityType>
        <a:Location>Tranquility Spa, Anytown</a:Location>
        <a:NumberOfPersons>1</a:NumberOfPersons>
        <a:TimeSpan>
          <hc:StartDate>2009-01-15T14:00:00</hc:StartDate>
          <hc:EndDate>2009-01-15T14:30:00</hc:EndDate>
        </a:TimeSpan>
        <a>Note>Rose Bath</a>Note>
      </a:Activity>
      <a:Activity status=" The activity status">
        <a:ActivityIDs>
          <c:UniqueID source="OPERA">67386</c:UniqueID>
          <c:UniqueID source="SPASOFT">5110</c:UniqueID>
        </a:ActivityIDs>
        <a:ActivityType>Spa</a:ActivityType>
        <a:Location>Tranquility Spa, Anytown</a:Location>
        <a:NumberOfPersons>1</a:NumberOfPersons>
        <a:TimeSpan>
          <hc:StartDate>2009-01-15T14:00:00</hc:StartDate>
          <hc:EndDate>2009-01-15T14:30:00</hc:EndDate>
        </a:TimeSpan>
        <a>Note>Milk Bath</a>Note>
      </a:Activity>
    </a:Activities>
  </a:ActivityLookup>
</a:ActivityLookupList>
</ActivityLookupResponse>
</soap:Body>
</soap:Envelope>

```

```

<xs:complexType name="ActivityLookupResponse">
  <xs:annotation>
    <xs:appinfo>
      <keepNamespaceDeclarations>xsn</keepNamespaceDeclarations>
    </xs:appinfo>
  </xs:annotation>
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Result"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:ResultStatus" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="ActivityLookupList"
      xmlns:q2="http://webservices.micros.com/og/4.3/Activity/"
      type="q2:ArrayOfActivityLookup" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	Lookup result. If successful, the responding system is only required to set the resultStatusFlag as SUCCESS, and return the data in the ActivityLookupList.
ActivityLookupResponse	element	ArrayOfActivityLookup	optional	A list of matching activity records.

CancelActivity

Cancels guest activities.

Soap Action: <http://webservices.micros.com/ows/5.1/Activity.wsdl#CancelActivity>

CancelActivityRequest

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000040" primaryLangID="E"
timeStamp="2004-01-13T14:58:44.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CancelActivityRequest
xmlns="http://webservices.micros.com/og/4.3/Activity/"
xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <HotelReference chainCode="CHA"
hotelCode="SEPARA"/>
      <BookingID type="EXTERNAL">422</BookingID>
    </CancelActivityRequest>
  </soap:Body>
</soap:Envelope>

<xs:complexType name="CancelActivityRequest">
  <xs:sequence>
```

```

    <xs:element minOccurs="0" maxOccurs="1" name="HotelReference"
      xmlns:q1="http://webservices.micros.com/og/4.3/HotelCommon/"
      type="q1:HotelReference" />
    <xs:element minOccurs="0" maxOccurs="1" name="BookingID"
      xmlns:q2="http://webservices.micros.com/og/4.3/Common/"
      type="q2:UniqueID" />
  </xs:sequence>
  <xs:attribute name="externalSystemId" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
externalSystemId	attribute	string	none	The external system ID.
HotelReference	element	HotelReference	optional	The hotel reference.
BookingID	element	UniqueID	optional	The booking ID number.

CancelActivityResponse

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">
  <soap:Header>
    <OGHeader transactionID="000040" timeStamp="2004-01-13T14:58:44.946875-05:00" primaryLangID="E"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="WEB"/>
    </OGHeader>
    <wsa:Action>http://webservices.micros.com/ows/5.1/Activity.wsd1#CancelActivityResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:afe7cd14-3cf5-49f3-ac11-9a8abe675976</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:19d72e07-c317-488c-b114-b8250ef15ab3</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:To>
  </soap:Header>
  <soap:Body>
    <CancelActivityResponse
      xmlns="http://webservices.micros.com/og/4.3/Activity/">
      <Result resultStatusFlag="SUCCESS"/>
    </CancelActivityResponse>
  </soap:Body>
</soap:Envelope>

<xs:complexType name="CancelActivityResponse">
  <xs:sequence>

```



```

    <xs:element minOccurs="0" maxOccurs="1" name="Result"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:ResultStatus" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	An indication of the success or failure of the called function.

CreateActivity

Creates guest activities.

Soap Action: <http://webservices.micros.com/ows/5.1/Activity.wsdl#CreateActivity>

CreateActivityRequest

```

<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000040" primaryLangID="E"
      timeStamp="2004-01-13T14:58:44.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CreateActivityRequest
      xmlns="http://webservices.micros.com/og/4.3/Activity/"
      xmlns:c="http://webservices.micros.com/og/4.3/Common/"
      xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <Activity>
        <NumberOfPersons>1</NumberOfPersons>
        <TimeSpan>
          <hc:StartDate>2009-07-24T10:00:00-
05:00</hc:StartDate>
          <hc:EndDate>2009-07-24T10:59:59-
05:00</hc:EndDate>
        </TimeSpan>
        <ActivityCode>TENNIS</ActivityCode>
      </Activity>
      <PreferredResources>
        <Resource category="SPACE"
          type="TENNIS_COURT" code="TENNIS_COURT_C"/>
      </PreferredResources>
      <ResvNameId type="INTERNAL">186166</ResvNameId>
      <NameID type="INTERNAL">5896250</NameID>
    </CreateActivityRequest>
  </soap:Body>
</soap:Envelope>

```

```

        <HotelReference chainCode="CHA"
hotelCode="SEPARA"/>
    </CreateActivityRequest>
</soap:Body>
</soap:Envelope>

<xs:complexType name="CreateActivityRequest">
  <xs:complexContent mixed="false">
    <xs:extension
      xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
      base="q1:OperaActivity" />
    </xs:complexContent>
  </xs:complexType>

```

Name	Type	Data Type	Use	Comments
CreateActivityRequest	extension	OperaActivity	required	The create activity request.

CreateActivityResponse

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">
  <soap:Header>
    <OGHeader transactionID="000040" timeStamp="2004-01-13T14:58:44.946875-05:00" primaryLangID="E"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="WEB"/>
    </OGHeader>
    <wsa:Action>http://webservices.micros.com/ows/5.1/Activity.wsdl#CreateActivityResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:5ca8b074-60b9-40e2-aada-40d522e62ac4</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:480fe198-e608-4900-8aba-d86b27259188</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:To>
  </soap:Header>
  <soap:Body>
    <CreateActivityResponse
      xmlns="http://webservices.micros.com/og/4.3/Activity/">
      <Result resultStatusFlag="SUCCESS"/>
      <Activity>
        <Activity status="BOOKED">
          <ActivityIDs>
            <UniqueID type="INTERNAL"
              xmlns="http://webservices.micros.com/og/4.3/Common/">422</UniqueID>
          </ActivityIDs>
          <Location>TENNIS</Location>
        </Activity>
      </Activity>
    </CreateActivityResponse>
  </soap:Body>
</soap:Envelope>

```

```

                <TimeSpan>
                    <StartDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-24T11:00:00</StartDate>
                    <EndDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-24T12:00:00</EndDate>
                </TimeSpan>
                <Description>Tennis Court
Booking</Description>
                <Amount currencyCode="EUR"
decimals="2">25</Amount>
                <ActivityCode>TENNIS</ActivityCode>
            </Activity>
            <Resources>
                <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_C"/>
            </Resources>
        </Activity>
    </CreateActivityResponse>
</soap:Body>
</soap:Envelope>

<xs:complexType name="CreateActivityResponse">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="Result"
xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
type="q1:ResultStatus" />
        <xs:element minOccurs="0" maxOccurs="1" name="Activity"
xmlns:q2="http://webservices.micros.com/og/4.3/Activity/"
type="q2:BookedActivity" />
    </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	An indication of the success or failure of the called function.
Activity	element	BookedActivity	optional	The booked activity.

FetchActivity

Fetches guest activities.

Soap Action: <http://webservices.micros.com/ows/5.1/Activity.wsdl#FetchActivity>

FetchActivityRequest

```

<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <soap:Header>

```

```

        <OGHeader transactionID="000040" primaryLangID="E"
timeStamp="2004-01-13T14:58:44.9468750-05:00"
xmlns="http://webservices.micos.com/og/4.3/Core/">
            <Origin entityID="1P" systemType="WEB"/>
            <Destination entityID="TI" systemType="ORS"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <FetchActivityRequest
xmlns="http://webservices.micos.com/og/4.3/Activity/"
xmlns:c="http://webservices.micos.com/og/4.3/Common/"
xmlns:hc="http://webservices.micos.com/og/4.3/HotelCommon/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
            <HotelReference chainCode="CHA"
hotelCode="SEPARA"/>
                <NameID type="INTERNAL">5896250</NameID>
                <ResvNameId type="INTERNAL">186166</ResvNameId>
                <BookingID type="INTERNAL">422</BookingID>
            </FetchActivityRequest>
        </soap:Body>
    </soap:Envelope>

<xs:complexType name="FetchActivityRequest">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="HotelReference"
xmlns:q1="http://webservices.micos.com/og/4.3/HotelCommon
/" type="q1:HotelReference" />
        <xs:element minOccurs="0" maxOccurs="1" name="NameID"
xmlns:q2="http://webservices.micos.com/og/4.3/Common/"
type="q2:UniqueID" />
        <xs:element minOccurs="0" maxOccurs="1" name="ResvNameId"
xmlns:q3="http://webservices.micos.com/og/4.3/Common/"
type="q3:UniqueID" />
        <xs:element minOccurs="0" maxOccurs="1" name="BookingID"
xmlns:q4="http://webservices.micos.com/og/4.3/Common/"
type="q4:UniqueID" />
    </xs:sequence>
    <xs:attribute name="externalSystemId" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
externalSystemId	attribute	string	none	The external system Id.
HotelReference	element	HotelReference	optional	The hotel reference.
NameID	element	UniqueID	optional	The name Id.
ResvNameId	element	UniqueID	optional	The reservation name Id.
BookingID	element	UniqueID	optional	The booking Id.

FetchActivityResponse

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">
  <soap:Header>
    <OGHeader transactionID="000040" timeStamp="2004-01-
13T14:58:44.946875-05:00" primaryLangID="E"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="WEB"/>
    </OGHeader>
    <wsa:Action>http://webservices.micros.com/ows/5.1/Activity.
wsdl#FetchActivityResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:0de266cc-7635-4409-bb4f-
82ac09ebd491</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:ba78e744-f7a3-49ec-bbdf-
1957d84d5893</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
  </soap:Header>
  <soap:Body>
    <FetchActivityResponse
xmlns="http://webservices.micros.com/og/4.3/Activity/">
      <Result resultStatusFlag="SUCCESS"/>
      <Activity>
        <Activity status="BOOKED">
          <ActivityIDs>
            <UniqueID type="INTERNAL"
xmlns="http://webservices.micros.com/og/4.3/Common/">422</UniqueI
D>

            </ActivityIDs>
            <Location>TENNIS</Location>
            <TimeSpan>
              <StartDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-24T11:00:00</StartDate>

              <EndDate
xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">2009-
07-24T12:00:00</EndDate>

            </TimeSpan>
            <Description>Tennis Court
Booking</Description>

            <Amount currencyCode="EUR"
decimals="2">25</Amount>

            <ActivityCode>TENNIS</ActivityCode>
          </Activity>
          <Resources>
            <Resource category="SPACE"
type="TENNIS_COURT" code="TENNIS_COURT_C"/>
          </Resources>
        </Activity>
      </Activity>
    </FetchActivityResponse>
  </soap:Body>
</soap:Envelope>
```

```

        </FetchActivityResponse>
    </soap:Body>
</soap:Envelope>

<xs:complexType name="FetchActivityResponse">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Result"
      xmlns:q1="http://webservices.micos.com/og/4.3/Common/"
      type="q1:ResultStatus" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Activity"
      xmlns:q2="http://webservices.micos.com/og/4.3/Activity/"
      type="q2:BookedActivity" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	An indication of the success or failure of the called function.
Activity	element	BookedActivity	optional / multiple	The fetched activity.

Complex and Simple Type Definitions

Activity

```

<xs:complexType name="Activity">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="ActivityIDs"
      xmlns:q1="http://webservices.micos.com/og/4.3/Common/"
      type="q1:ArrayOfUniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" name="ActivityType"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="Location"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="unbounded" name="Name"
      xmlns:q2="http://webservices.micos.com/og/4.3/Common/"
      type="q2:Text" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="NumberOfPersons" type="xs:int" />
    <xs:element minOccurs="0" maxOccurs="1" name="TimeSpan"
      xmlns:q3="http://webservices.micos.com/og/4.3/HotelCommon/"
      type="q3:TimeSpan" />
    <xs:element minOccurs="0" maxOccurs="1" name="Duration"
      xmlns:q4="http://webservices.micos.com/og/4.3/HotelCommon/"
      type="q4:TimeSpan" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Description"
      xmlns:q5="http://webservices.micos.com/og/4.3/Common/"
      type="q5:Text" />
    <xs:element minOccurs="0" maxOccurs="unbounded" name="Note"
      xmlns:q6="http://webservices.micos.com/og/4.3/Common/"
      type="q6:Text" />
    <xs:element minOccurs="0" maxOccurs="1" name="GroupCode"
      type="xs:string" />
  </xs:sequence>
</xs:complexType>

```

```

<xs:element minOccurs="0" maxOccurs="1" name="Amount"
  xmlns:q7="http://webservices.micros.com/og/4.3/Common/"
  type="q7:Amount" />
<xs:element minOccurs="0" maxOccurs="1"
  name="DepositRequired"
  xmlns:q8="http://webservices.micros.com/og/4.3/Activity/"
  type="q8:ActivityDepositRequired" />
<xs:element minOccurs="0" maxOccurs="1" name="InactiveDate"
  type="xs:dateTime" />
<xs:element minOccurs="0" maxOccurs="1" name="Participants"
  xmlns:q9="http://webservices.micros.com/og/4.3/Activity/"
  type="q9:ArrayOfPersonName" />
<xs:element minOccurs="0" maxOccurs="1" name="URLLink"
  type="xs:string" />
</xs:sequence>
<xs:attribute name="status" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
status	attribute	string	none	Activity reservation status. Each system may define its own set of values, but typical examples are RESERVED, BOOKED, CANCELLED, and TENTATIVE.
ActivityIDs	element	ArrayOfUniqueID	optional	One or more IDs that identify the activity record. The source value indicates the creator/owner of the ID.
ActivityType	element	string	optional	The type of activity. Defined values in the schema include: Golf, Class, Spa, TableReservation, Tour, and Tennis. The schema may be extended to include additional values.
Location	element	string	optional	The location for the activity. This is implemented as a location code rather than descriptive text.

Name	Type	Data Type	Use	Comments
Name	element	Text	optional / multiple	A short descriptive name for the activity.
NumberOfPersons	element	int	optional	The number of participants scheduled for the activity.
TimeSpan	element	TimeSpan	optional	The scheduled start time and length of the activity.
Duration	element	TimeSpan	optional	The length of an activity
Description	element	Text	optional / multiple	The long description for the activity.
Note	element	Text	optional / multiple	Additional notes about the activity.
GroupCode	element	string	optional	If applicable, the group code for the activity (for example, in an accommodation reservation system, the allotment or block code).
Amount	element	Amount	optional	The amount charged for the activity.
DepositRequired	element	ActivityDeposit Required	optional	The deposit amount collected or required for the activity. This element
InactiveDate	element	dateTime	optional	The timestamp applicable in case the activity is cancelled or deleted. If set, the activity should be considered removed.
Participants	element	ArrayOfPerson Name	optional	The names of the participants.
URLLink	element	string	optional	The URL link to launch the Activity Reservation System to view or edit full details of this activity.

ActivityAvailability

```
<xs:complexType name="ActivityAvailability">
  <xs:sequence>
```



```

<xs:element minOccurs="0" maxOccurs="1" name="TimeSpan"
  xmlns:q1="http://webservices.micros.com/og/4.3/HotelCommon
/" type="q1:TimeSpan" />
<xs:element minOccurs="0" maxOccurs="1" name="Price"
  xmlns:q2="http://webservices.micros.com/og/4.3/Common/"
  type="q2:Amount" />
<xs:element minOccurs="0" maxOccurs="1" name="Resources"
  xmlns:q3="http://webservices.micros.com/og/4.3/Activity/"
  type="q3:ArrayOfResource" />
<xs:element minOccurs="0" maxOccurs="1" name="ActivityCode"
  type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" name="Comments"
  type="xs:string" />
<xs:element minOccurs="1" maxOccurs="1" name="MaxAvailable"
  type="xs:int" />
<xs:element minOccurs="0" maxOccurs="1" name="HotelReference"
  xmlns:q4="http://webservices.micros.com/og/4.3/HotelCommon
/" type="q4:HotelReference" />
<xs:element minOccurs="0" maxOccurs="1" name="OutletCode"
  type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1"
  name="OutletDescription" type="xs:string" />
</xs:sequence>
<xs:attribute name="availabilityType" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
availabilityType	attribute	string	none	The availability type.
TimeSpan	element	TimeSpan	optional	The scheduled start time and length of the activity.
Price	element	Amount	optional	The price of the activity.
Resources	element	ArrayOfResource	optional	A collection of resources for the activity.
ActivityCode	element	string	optional	The activity code.
Comments	element	string	optional	Comments for the activity.
MaxAvailable	element	int	required	Maximum number of activities that are available.
HotelReference	element	HotelReference	optional	The hotel reference.
OutletCode	element	string	optional	The outlet code.
OutletDescription	element	string	optional	A description of the outlet.

ActivityDepositRequired

```

<xs:complexType name="ActivityDepositRequired">
  <xs:simpleContent>
    <xs:extension
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      base="q1:Amount">

```

```

        <xs:attribute name="collectedBy"
            xmlns:q2="http://webservices.micros.com/og/4.3/Activity/"
            type="q2:ActivityDepositRequiredCollectedBy" />
    </xs:extension>
</xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ActivityDepositRequired	extension	Amount		The amount of the required activity deposit.
collectedBy	attribute	ActivityDepositRequired CollectedBy	none	If a deposit is required, the system will collect the money.

ActivityDepositRequiredCollectedBy

```

<xs:simpleType name="ActivityDepositRequiredCollectedBy">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Vendor" />
        <xs:enumeration value="Agent" />
        <xs:enumeration value="Other" />
    </xs:restriction>
</xs:simpleType>

```

Name	Type	Data Type	Use	Comments
ActivityDepositRequiredCollectedBy	enumeration	string		The possible values are Vendor, Agent and Other.

ActivityListActivity

```

<xs:complexType name="ActivityListActivity">
    <xs:complexContent mixed="false">
        <xs:extension
            xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
            base="q1:Activity" />
    </xs:complexContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ActivityListActivity	extension	Activity		A collection of Activity List objects.

ActivityLookup

```

<xs:complexType name="ActivityLookup">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="ProfileID"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:ArrayOfUniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" name="PersonName"
      xmlns:q2="http://webservices.micros.com/og/4.3/Common/"
      type="q2:PersonName" />
    <xs:element minOccurs="0" maxOccurs="1" name="Address"
      xmlns:q3="http://webservices.micros.com/og/4.3/Common/"
      type="q3:Address" />
    <xs:element minOccurs="0" maxOccurs="1" name="Phone"
      xmlns:q4="http://webservices.micros.com/og/4.3/Common/"
      type="q4:Phone" />
    <xs:element minOccurs="0" maxOccurs="1" name="TimeSpan"
      xmlns:q5="http://webservices.micros.com/og/4.3/HotelCommon/"
      type="q5:TimeSpan" />
    <xs:element minOccurs="0" maxOccurs="1" name="Activities"
      xmlns:q6="http://webservices.micros.com/og/4.3/Activity/"
      type="q6:ArrayOfActivityListActivity" />
    <xs:element minOccurs="0" maxOccurs="1" name="Membership"
      xmlns:q7="http://webservices.micros.com/og/4.3/Common/"
      type="q7:Membership" />
    <xs:element minOccurs="0" maxOccurs="1" name="HotelReference"
      xmlns:q8="http://webservices.micros.com/og/4.3/HotelCommon/"
      type="q8:HotelReference" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="ReturnOperateCode" type="xs:boolean" />
  </xs:sequence>
  <xs:attribute name="externalSystemId" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
externalSystemId	attribute	string	none	The external system ID.
ProfileID	element	ArrayOfUniqueID	optional	The profile ID from the responding system for the activity record. This is operationally required in this context.
PersonName	element	PersonName	optional	The guest name responsible for the activity. This is required in this context.
Address	element	Address	optional	The guest's primary address.

Name	Type	Data Type	Use	Comments
Phone	element	Phone	optional	The guest's primary phone number.
TimeSpan	element	TimeSpan	optional	The time the activity starts and its duration. Required in this context.
Activities	element	ArrayOfActivityList Activity	optional	A list of activities scheduled for this guest.
Membership	element	Membership	optional	The guest membership information.
HotelReference	element	HotelReference	optional	The hotel reference.
ReturnOperaCode	element	boolean	optional	A value of true indicates that the OPERA Code is returned.

Address

```

<xs:complexType name="Address">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="AddressLine" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="cityName"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="stateProv"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="countryCode"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="postalCode"
      type="xs:string" />
  </xs:sequence>
  <xs:attribute name="addressType" type="xs:string" />
  <xs:attribute name="otherAddressType" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
addressType	attribute	string	none	Type of address. Typical values are HOME or BUSINESS, but any internally defined value may be used.
otherAddressType	attribute	string	none	If OTHER is selected as the address type, this is the other address type.
AddressLine	element	string	optional / multiple	Up to five address lines may be specified.
cityName	element	string	optional	The city name.

Name	Type	Data Type	Use	Comments
stateProv	element	string	optional	The state/providence.
countryCode	element	string	optional	The country code.
postalCode	element	string	optional	The postal code.

Amount

```
<xs:complexType name="Amount">
  <xs:simpleContent>
    <xs:extension base="xs:double">
      <xs:attribute name="currencyCode" type="xs:string" />
      <xs:attribute name="decimals" type="xs:short" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Amount	extension	double		The denominational amount.
currencyCode	attribute	string	none	The currency code the amount is expressed in.
decimals	attribute	short	none	The number of decimals.

ArrayOfActivityAvailability

```
<xs:complexType name="ArrayOfActivityAvailability">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="ActivityAvailability"
      xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
      type="q1:ActivityAvailability" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
ActivityAvailability	element	ActivityAvailability	optional / multiple	A collection of activities.

ArrayOfActivityListActivity

```
<xs:complexType name="ArrayOfActivityListActivity">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Activity"
      xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
      type="q1:ActivityListActivity" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Activity	element	ActivityListActivity	optional / multiple	A collection of Activity List objects.

ArrayOfActivityLookup

```
<xs:complexType name="ArrayOfActivityLookup">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="ActivityLookup"
      xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
      type="q1:ActivityLookup" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
ActivityLookup	element	ActivityLookup	optional / multiple	A collection of Activity Lookup objects.

ArrayOfAwardPointsToExpire

```
<xs:complexType name="ArrayOfAwardPointsToExpire">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="AwardPointsToExpire"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:AwardPointsToExpire" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
AwardPointsToExpire	element	AwardPointsToExpire	optional / multiple	The award points that will expire.

ArrayOfIDPair

```
<xs:complexType name="ArrayOfIDPair">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="IDPair"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:IDPair" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
IDPair	element	IDPair	optional / multiple	A collection of ID pair elements.

ArrayOfPersonName

```
<xs:complexType name="ArrayOfPersonName">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Participant"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:PersonName" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Participant	element	PersonName	optional / multiple	A collection of person names.

ArrayOfResource

```
<xs:complexType name="ArrayOfResource">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Resource"
      xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
      type="q1:Resource" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Resource	element	Resource	optional / multiple	A collection of resources.

ArrayOfText

```
<xs:complexType name="ArrayOfText">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="TextElement"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:Text" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
TextElement	element	Text	optional / multiple	The text error message string(s).

ArrayOfUniqueID

```
<xs:complexType name="ArrayOfUniqueID">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="UniqueID"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:UniqueID" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
UniqueID	element	UniqueID	optional / multiple	If the parent element is present, it must contain at least one UniqueID element.

AwardPointsToExpire

```
<xs:complexType name="AwardPointsToExpire">
  <xs:attribute name="expirationDate" type="xs:date"
    use="required" />
  <xs:attribute name="totalToExpire" type="xs:double"
    use="required" />
  <xs:attribute name="expireByDate" type="xs:double" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
expirationDate	attribute	date	required	The date on which the member's future award points will expire.
totalToExpire	attribute	double	required	Total number of points that will expire on the expiration date.
expireByDate	attribute	double	none	Number of points that are to expire by the date.

BookedActivity

```
<xs:complexType name="BookedActivity">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Activity"
      xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
      type="q1:Activity" />
  </xs:sequence>
</xs:complexType>
```



```

        <xs:element minOccurs="0" maxOccurs="1" name="Resources"
            xmlns:q2="http://webservices.micros.com/og/4.3/Activity/"
            type="q2:ArrayOfResource" />
    </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Activity	element	Activity	optional	The booked activity.
Resources	element	ArrayOfResource	optional	A collection of resources.

HotelReference

```

<xs:complexType name="HotelReference">
    <xs:simpleContent>
        <xs:extension base="xs:string">
            <xs:attribute name="chainCode" type="xs:string" />
            <xs:attribute name="hotelCode" type="xs:string" />
        </xs:extension>
    </xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
HotelReference	extension	string		References the hotel to include in the query. This element is more for informational purposes.
chainCode	attribute	string	none	The chain code.
hotelCode	attribute	string	none	The hotel code.

IDPair

```

<xs:complexType name="IDPair">
    <xs:attribute name="idType" type="xs:string" />
    <xs:attribute name="operaId" type="xs:long" />
    <xs:attribute name="externalId" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
idType	attribute	string	none	Hard-coded to "CREDITCARD".
operaId	attribute	long	none	The newly created credit card ID. It is returned by any calling system when attempting to update or delete this credit card.
externalId	attribute	string	none	Not used in this context.

Membership

```

<xs:complexType name="Membership">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="membershipType"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="membershipNumber" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="membershipLevel" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="memberName"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="effectiveDate"
      type="xs:date" />
    <xs:element minOccurs="0" maxOccurs="1" name="expirationDate"
      type="xs:date" />
    <xs:element minOccurs="0" maxOccurs="1" name="currentPoints"
      type="xs:long" />
    <xs:element minOccurs="0" maxOccurs="1" name="enrollmentCode"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="ResvNameId"
      xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
      type="q1:ArrayOfUniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" name="membershipid"
      xmlns:q2="http://webservices.micros.com/og/4.3/Common/"
      type="q2:UniqueID" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
membershipType	element	string	optional	The membership type code.
membershipNumber	element	string	optional	The membership number.
membershipLevel	element	string	optional	Membership level (e.g., GOLD, PLATINUM).
memberName	element	string	optional	The name on the face of the membership card.
effectiveDate	element	date	optional	Membership effective date (or start date).
expirationDate	element	date	optional	Membership expiration date.
currentPoints	element	long	optional	Membership point accumulated.
enrollmentCode	element	string	optional	The enrollment code.
ResvNameId	element	ArrayOfUniqueID	optional	The reservation ID.
membershipid	element	UniqueID	optional	The membership ID.

OperaActivity

```
<xs:complexType name="OperaActivity">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Activity"
      xmlns:q1="http://webservices.micros.com/og/4.3/Activity/"
      type="q1:Activity" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="PreferredResources"
      xmlns:q2="http://webservices.micros.com/og/4.3/Activity/"
      type="q2:ArrayOfResource" />
    <xs:element minOccurs="0" maxOccurs="1" name="ResvNameId"
      xmlns:q3="http://webservices.micros.com/og/4.3/Common/"
      type="q3:UniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" name="NameID"
      xmlns:q4="http://webservices.micros.com/og/4.3/Common/"
      type="q4:UniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" name="HotelReference"
      xmlns:q5="http://webservices.micros.com/og/4.3/HotelCommon/"
      type="q5:HotelReference" />
  </xs:sequence>
  <xs:attribute name="externalSystemId" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
externalSystemId	attribute	string	none	The external system Id.
Activity	element	Activity	optional	The activity.
PreferredResources	element	ArrayOfResource	optional	A collection of resources.
ResvNameId	element	UniqueID	optional	The reservation name Id.
NameID	element	UniqueID	optional	The name Id.
HotelReference	element	HotelReference	optional	The hotel reference.

PersonName

```
<xs:complexType name="PersonName">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="nameTitle" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="firstName"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="middleName" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="lastName"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="nameSuffix" type="xs:string" />
  </xs:sequence>
  <xs:attribute name="nameOrdered" type="xs:string" />
</xs:complexType>
```

```

    <xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
nameOrdered	attribute	string	none	The sequence that the name appears in an ordered list.
familiarName	attribute	string	none	The familiar name.
nameTitle	element	string	optional / multiple	The Name title (e.g., Mr., Mrs., Dr.).
firstName	element	string	optional	The first name.
middleName	element	string	optional / multiple	The middle name.
lastName	element	string	optional	The last name.
nameSuffix	element	string	optional / multiple	The Name suffix (e.g., Jr., III, Esq.).

Phone

```

<xs:complexType name="Phone">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="PhoneNumber"
        type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1" name="PhoneData"
        xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
        type="q1:PhonePhoneData" />
    </xs:choice>
  </xs:sequence>
  <xs:attribute name="phoneType" type="xs:string" />
  <xs:attribute name="phoneRole" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
phoneType	attribute	string	none	Type of phone record. Typical values are HOME or BUSINESS.
phoneRole	attribute	string	none	Phone role. Typical values are PHONE, EMAIL, FAX, or WEBPAGE.
PhoneNumber	element	string	optional	Phone number, email address, web address or other value appropriate to the phone role attribute.

Name	Type	Data Type	Use	Comments
PhoneData	element	PhonePhoneData	optional	The phone number may be specified as either a string above, or as individual components as described in the element below.

PhonePhoneData

```
<xs:complexType name="PhonePhoneData">
  <xs:attribute name="countryAccessCode" type="xs:string" />
  <xs:attribute name="areaCode" type="xs:string" />
  <xs:attribute name="phoneNumber" type="xs:string" />
  <xs:attribute name="extension" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
countryAccessCode	attribute	string	none	The country access code.
areaCode	attribute	string	none	The area code.
phoneNumber	attribute	string	none	The phone number.
extension	attribute	string	none	The phone extension.

Resource

```
<xs:complexType name="Resource">
  <xs:attribute name="category" type="xs:string" />
  <xs:attribute name="type" type="xs:string" />
  <xs:attribute name="code" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
category	attribute	string	none	The resource category.
type	attribute	string	none	The type of resource.
code	attribute	string	none	The code for the resource.

ResultStatus

```
<xs:complexType name="ResultStatus">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Text"
      xmlns:q1="http://webservices.micos.com/og/4.3/Common/"
      type="q1:ArrayOfText" />
    <xs:element minOccurs="0" maxOccurs="1" name="IDs"
      xmlns:q2="http://webservices.micos.com/og/4.3/Common/"
      type="q2:ArrayOfIDPair" />
    <xs:element minOccurs="0" maxOccurs="1" name="OperaErrorCode"
      type="xs:string" />
  </xs:sequence>
```

```

<xs:attribute name="resultStatusFlag"
  xmlns:q3="http://webservices.micros.com/og/4.3/Common/"
  type="q3:ResultStatusFlag" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
resultStatusFlag	attribute	ResultStatusFlag	none	The primary indication of the success or failure of the called function.
Text	element	ArrayOfText	optional	Used to store any error or warning text associated with the transaction.
IDs	element	ArrayOfIDPair	optional	If populated, this contains the ReservationID of the newly created booking.
OperaErrorCode	element	string	optional	The error code returned in the response whenever there is an error returned from the OPERA database. All error codes are defined in the default "FIDELIO" channel under the Error tab.

ResultStatusFlag

```

<xs:simpleType name="ResultStatusFlag">
  <xs:restriction base="xs:string">
    <xs:enumeration value="FAIL" />
    <xs:enumeration value="SUCCESS" />
  </xs:restriction>
</xs:simpleType>

```

Name	Type	Data Type	Use	Comments
ResultStatusFlag	enumeration	string	required	The possible values are FAIL and SUCCESS.

Text

```

<xs:complexType name="Text">
  <xs:simpleContent>
    <xs:extension base="xs:normalizedString">
      <xs:attribute name="formatted" type="xs:boolean" />
      <xs:attribute name="language" type="xs:language" />
    </xs:extension>
  </xs:simpleContent>

```

```
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Text	extension	normalizedString	optional	The Text string.
formatted	attribute	boolean	none	A value of true indicates the text is formatted.
language	attribute	language	none	Language code for Text value.

TimeSpan

```
<xs:complexType name="TimeSpan">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" name="StartDate"
      type="xs:dateTime" />
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="1" maxOccurs="1" name="EndDate"
        type="xs:dateTime" />
      <xs:element minOccurs="0" maxOccurs="1" name="Duration"
        type="xs:duration" />
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
StartDate	element	dateTime	required	The start date and time.
EndDate	element	dateTime	required	The optional completion date and time.
Duration	element	duration	optional	The duration of the activity.

UniqueID

```
<xs:complexType name="UniqueID">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="type"
        xmlns:q1="http://webservices.micros.com/og/4.3/Common/"
        type="q1:UniqueIDType" use="required" />
      <xs:attribute name="source" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
UniqueID	extension	string		A list of ID values (see below). Records are often identified by a pair of IDs, where the source attribute identifies who each ID belongs to.
type	attribute	UniqueIDType	required	The type of Unique ID.
source	attribute	string	none	The Unique ID source.

UniqueIDType

```

<xs:simpleType name="UniqueIDType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="EXTERNAL" />
    <xs:enumeration value="INTERNAL" />
    <xs:enumeration value="CANCELLATIONEXTERNAL" />
    <xs:enumeration value="CANCELLATIONINTERNAL" />
  </xs:restriction>
</xs:simpleType>

```

Name	Type	Data Type	Use	Comments
UniqueIDType	enumeration	string		The possible values are EXTERNAL, INTERNAL, CANCELLATIONEXTERNAL and CANCELLATIONINTERNAL.