

HOTEL SEARCH

Web-service HotelSearch

<http://test.bestoftravel.cz:8080/booking/public/ws/searchHotel.wsdl>

1. hotelSearchStep1 method

SOAP REQUEST example:

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:out="http://realobs.com/service/outgoing2">
  <soapenv:Header/>
  <soapenv:Body>
    <out:hotelSearchStep1Request outOperatorIncID="XXXXXXXX"
dateFrom="2017-05-07" nightsDuration="5" availableOnly="false"
language="ru" hideHotelData="false" >
      <out:persons adults="2">
        <out:childAges>
          <!--Zero or more repetitions:-->
          <out:int>15</out:int>
        </out:childAges>
      </out:persons>
      <out:locationIds>
        <!--Zero or more repetitions:-->
        <out:long>111756</out:long>
      </out:locationIds>
      <out:hotelIds>
        <!--Zero or more repetitions:-->
```

outOperatorIncID= ID of an outbound travel company in RealOBS, which submits the search request (shall be provided by RealOBS)

dateFrom= Check-in date

nightsDuration= duration of accomodation in nights

availableOnly= availability of offer which the should be returned in the search response. Values:

- „true“ – only immediately available offers shall be returned;
- „false“ – all offers including „on request“ shall be returned (subject for confirmation by the respective DMC)

language = specifier of hotel description langure for the response. By default, all hotel description shall be returned in Russian (remove „language“ parameter for default)

```

<out:long>112493</out:long>
</out:hotelIds>
  <out:hotelServices>
    <!--Zero or more repetitions-->
    <out:long></out:long>
  </out:hotelServices>

</out:hotelSearchStep1Request>
</soapenv:Body>
</soapenv:Envelope>

```

hideHotelData (true or false) – a flag indicating whether or not to include tags <images> (links to hotel photos) and <description> (hotel text descriptions) into response

<out:persons adults> - number of ADULT tourists in the booking

<out:childAges>: number of CHILDREN in the booking is counted by the number of <out:int> tags, which contain the AGES of children. E.g. search for TWO children AGED 5 and 14 shall be submitted as follows:

```

...
<out:childAges>
  <out:int>5</out:int>
  <out:int>14</out:int>
</out:childAges>
...

```

<out:locationIds> (mandatory) - ID of a desired location (country, region, city), should be indicated in <out:long> tag. Multiple locations <out:long> are allowed within <out:locationIds> tag

<out:hotelIds> (optional) – ID(s) of specific hotel(s) to be returned., should be indicated in <out:long> tag. Multiple hotels <out:long> are allowed within <out:hotelIds> tag

<out:hotelServices> (optional) – ID(s) of hotel service(s) which should be available in the responded hotels. The IDs of the services are placed in <out:long> tag. Multiple service tags <out:long> are allowed within <out:hotelServices> tag

SOAP RESPONSE example:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <hotelSearchStep1Response xmlns="http://realobs.com/service/outgoing2">
      <hotelOffers>
        <hotel id="112493" isMixTypeAllowed="true" name="1. REPUBLIC HOTEL">
          <address latitude="50.07647" longitude="14.42705" postcode="12000" street="V Túních 1625/8">
            <country id="111755"/>
            <city id="111756"/>
            <district id="111773"/>
          </address>
          <hotelCategory id="4"/>
          <room code="SUITE" id="2117" name="Suite"/>
          <room code="SUITDLx" id="2116" name="Suite DeLuxe"/>
          <room code="RADIUMSUI" id="935186326" name="RADIUM Suite"/>
          <room code="DBL" id="2114" name="Double Standard"/>
          <image mainImage="false"
url="http://test.bestoftravel.cz:8080/booking/public/thumbnails/640/hotellImages/c/5/7/c57f0cfd3ea2f1458ed9f7715d04eb9.jpg"/>
            <image mainImage="false"
url="http://test.bestoftravel.cz:8080/booking/public/thumbnails/640/hotellImages/7/7/77713a9aab3340839801e3a4bff45e54.jpg"/>
            <image mainImage="false"
url="http://test.bestoftravel.cz:8080/booking/public/thumbnails/640/hotellImages/e/d/4/ed4efb5ee607bb22200f024ed27cb6ad.jpg"/>
            <image mainImage="false"
url="http://test.bestoftravel.cz:8080/booking/public/thumbnails/640/hotellImages/0/7/a/07a6006db4909069d9568d6eaa6e13f3.jpg"/>
            <image mainImage="false"
url="http://test.bestoftravel.cz:8080/booking/public/thumbnails/640/hotellImages/1/a/d/1ad67ed8666704121698fb03849ae774.jpg"/>
            <image mainImage="false"
url="http://test.bestoftravel.cz:8080/booking/public/thumbnails/640/hotellImages/2/a/0/2a0a02dc21a2dcf27d1d20c672984b44.jpg"/>
          <description description="Отель «1 Republic» находится в самом центре Праги, приблизительно в 400метрах от Вацлавской площади, в тихом и спокойном месте, но при этом в непосредственной доступности городского транспорта. Он возник в результате реконструкции дома времен Первой республики, (год строительства 1926), а затем был оборудован и сертифицирован на уровне 4****, согласно стандартам AHR ČR. ( Первая республика, обозначает период в истории Чехословакии в промежутке от её возникновения в 1918 году и вплоть до Мюнхенского соглашения 1938 г.; последующий период, вплоть до оккупации остатков республики обозначается как Вторая республика. Эти обозначения были введены по аналогии с Францией, где принята нумерация республик со времен Великой Французской революции.) Отель предлагает для своих гостей стандартные службы на уровне 4 ****, а, кроме того, присмотр за детьми и услуги детского уголка. И, конечно же, бесплатный выход в Интернет. Мы всегда стараемся предложить нашим гостям какой-нибудь приятный сюрприз, а поэтому для
```

каждого гостя, прибывающего в наш отель, сразу по приезду, мы сервируем уникальный торт, приготовленный по тайному семейному рецепту управляющего делами отеля, относящегося к эпохе Первой республики. Этот деликатес попробовали, например, Др. Франтишек Богоунок, Мария Кюри-Складовская и другие выдающиеся деятели времен Первой республики."

<description description="Отель «1 Republic» находится в самом центре Праги, приблизительно в 400метрах от Вацлавской площади, в тихом и спокойном месте, но при этом в непосредственной доступности городского транспорта." type="position"/>

<description description="" type="exterior"/>

<description description="" type="lobby"/>

<description description="Услуги отеля: Прием с непрерывным режимом работы; Конференц-центр - 2 зала(42 и 62 человек), кейтеринг услуги; Wellness и массаж; Бесплатный Интернет; Присматривание за детьми; Книжный уголок; Аренда DvD; Лобби-бар; Трансфер; Пожарная сигнализация Оборудование номеров: Ванная комната с душевой и феном (стандартные номера); Ванная комната с ванной и феном (апартаменты); Мини-бар; Телефон с прямой линией; Сейф; Кондиционер; Спутниковое телевидение s DvD; Wifi и бесплатный кабельный интернет; Детектор дыма и огня; Оборудование для прготовления чая и кофе; Гостиная (в апартаментах)" type="rooms"/>

<description description="" type="restaurant"/>

<description description="" type="sport"/>

<description description="" type="sanatorium"/>

<description description="" type="business"/>

<description description="Мы всегда стараемся предложить нашим гостям какой-нибудь приятный сюрприз, а поэтому для каждого гостя, прибывающего в наш отель, сразу по приезду, мы сервируем уникальный торт, приготовленный по тайному семейному рецепту управляющего делами отеля, относящегося к эпохе Первой республики. Этот деликатес попробовали, например, Др. Франтишек Богоунок, Мария Кюри-Складовская и другие выдающиеся деятели времен Первой республики." type="please_note"/>

</hotel>

<room availability="on_request" earlyBooking="false" roomId="2117" spec="false">

<person ageType="adult" allocationType="base">

<price availability="available" currencyCode="EUR" totalPrice="350.0"/>

<meal id="1"/>

</person>

<person ageType="adult" allocationType="base">

<price availability="available" currencyCode="EUR" totalPrice="350.0"/>

<meal id="1"/>

</person>

<person age="15" ageType="child" allocationType="extra_bed">

<price availability="available" currencyCode="EUR" totalPrice="140.0"/>

<meal id="1"/>

</person>

<cancelationPolicy date="2017-04-06+02:00">

<penalty currencyCode="EUR" totalPrice="840.0"/>

```
</cancelationPolicy>
<contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
<penaltyKey id="3823" nonRefundable="false"/>
</room>
<room availability="on_request" earlyBooking="false" roomId="2117" spec="false">
  <person ageType="adult" allocationType="base">
    <price availability="on_request"/>
    <meal id="1"/>
  </person>
  <person ageType="adult" allocationType="base">
    <price availability="on_request"/>
    <meal id="1"/>
  </person>
  <person age="15" ageType="child" allocationType="extra_bed">
    <price availability="on_request"/>
    <meal id="1"/>
  </person>
  <contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
  <penaltyKey nonRefundable="false"/>
</room>
<room availability="on_request" earlyBooking="false" roomId="2116" spec="false">
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="375.0"/>
    <meal id="1"/>
  </person>
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="375.0"/>
    <meal id="1"/>
  </person>
  <person age="15" ageType="child" allocationType="extra_bed">
    <price availability="available" currencyCode="EUR" totalPrice="140.0"/>
    <meal id="1"/>
  </person>
  <cancelationPolicy date="2017-04-06+02:00">
    <penalty currencyCode="EUR" totalPrice="890.0"/>
  </cancelationPolicy>
  <contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
  <penaltyKey id="3823" nonRefundable="false"/>
</room>
<room availability="on_request" earlyBooking="false" roomId="2116" spec="false">
```

```
<person ageType="adult" allocationType="base">
  <price availability="on_request"/>
  <meal id="1"/>
</person>
<person ageType="adult" allocationType="base">
  <price availability="on_request"/>
  <meal id="1"/>
</person>
<person age="15" ageType="child" allocationType="extra_bed">
  <price availability="on_request"/>
  <meal id="1"/>
</person>
<contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
<penaltyKey nonRefundable="false"/>
</room>
<room availability="on_request" earlyBooking="false" roomId="935186326" spec="false">
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="425.0"/>
    <meal id="1"/>
  </person>
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="425.0"/>
    <meal id="1"/>
  </person>
  <person age="15" ageType="child" allocationType="extra_bed">
    <price availability="available" currencyCode="EUR" totalPrice="140.0"/>
    <meal id="1"/>
  </person>
  <cancelationPolicy date="2017-04-06+02:00">
    <penalty currencyCode="EUR" totalPrice="990.0"/>
  </cancelationPolicy>
  <contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
  <penaltyKey id="3823" nonRefundable="false"/>
</room>
<room availability="on_request" earlyBooking="false" roomId="935186326" spec="false">
  <person ageType="adult" allocationType="base">
    <price availability="on_request"/>
    <meal id="1"/>
  </person>
  <person ageType="adult" allocationType="base">
```

```
<price availability="on_request"/>
<meal id="1"/>
</person>
<person age="15" ageType="child" allocationType="extra_bed">
  <price availability="on_request"/>
  <meal id="1"/>
</person>
<contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
<penaltyKey nonRefundable="false"/>
</room>
<room availability="available" earlyBooking="false" roomId="2114" spec="false">
  <person ageType="adult" allocationType="base">
    <price availability="on_request"/>
    <meal id="1"/>
  </person>
  <person ageType="adult" allocationType="base">
    <price availability="on_request"/>
    <meal id="1"/>
  </person>
  <person age="15" ageType="child" allocationType="extra_bed">
    <price availability="on_request"/>
    <meal id="1"/>
  </person>
  <contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
  <penaltyKey nonRefundable="false"/>
</room>
</hotelOffers>
<location id="111755" name="Чехия"/>
<location id="111773" name="Прага- 2"/>
<location id="111756" name="Прага"/>
<hotelCategory category="4" code="FOUR" id="4" name="4*"/>
</hotelSearchStep1Response>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2. hotelSearchStep2

Step 2 is designed to re-verify the availability of the hotel offer chosen at Step 1 (for request for searchStep2 use data obtained in the response at Step 1).

Example 1: request for accomodation in a specific hotel for 2 adults and 1 child aged 15 at standard price with BB (bed and breakfast) meal type

SOAP REQUEST example:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:out="http://realobs.com/service/outgoing2">
  <soapenv:Header/>
  <soapenv:Body>
    <out:hotelSearchStep2Request outOperatorInclID="XXXXXXXXX"
hotelId="112493" dateFrom="2017-05-07" nightsDuration="5"
contractGroupId="138126947" roomId="2116" earlyBooking="false">
      <!--1 or more repetitions-->
      <out:person allocationType="base" ageType="adult" mealId="1"/>
      <out:person allocationType="base" ageType="adult" mealId="1"/>
      <out:person allocationType="extra_bed" ageType="child" mealId="1"
age="15"/>
      <out:penaltyKey id="3823" nonRefundable="false"/>
    </out:hotelSearchStep2Request>
  </soapenv:Body>
</soapenv:Envelope>
```

outOperatorInclID= ID of an outbound travel company in RealOBS, which submits the search request (shall be provided by RealOBS)

dateFrom= Check-in date

nightsDuration= duration of accomodation in nights

hotelId= ID of the chosen hotel

contractGroupId= ID of the specific price group (price package)

roomId= ID of the chosen room type

earlyBooking= flag specifying whether an early booking discount is applied for the chosen offer (true/false)

<out:persons> - separate tag for each tourist, number of tags must be equal to the number of

tourists

allocationType= type of allocation of a tourist in the room. Possible values:

- base = on MAIN bed
- extra_bed = on EXTRA BED
- without_bed = allocation WITHOU BED (for children only)

ageType= age category of teh tourist (adult / child)

mealId= ID of a meal type

age= children's age (mandatory parameter only for children)

<out:penaltyKey id> = ID of the applicable penalty for cancellation

nonRefundable= flag specifying whether 100% penalty for cancellation from the moment of booking is applicable (true/false)

SOAP RESPONSE example:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <hotelSearchStep2Response xmlns="http://realobs.com/service/outgoing2">
      <roomOffer availability="on_request" earlyBooking="false" roomId="2116" spec="false">
        <person ageType="adult" allocationType="base">
          <price availability="available" currencyCode="EUR" totalPrice="375.0"/>
          <meal id="1"/>
        </person>
      </roomOffer>
    </hotelSearchStep2Response>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

<person ageType="adult" allocationType="base">
  <price availability="available" currencyCode="EUR" totalPrice="375.0"/>
  <meal id="1"/>
</person>
<person age="15" ageType="child" allocationType="extra_bed">
  <price availability="available" currencyCode="EUR" totalPrice="140.0"/>
  <meal id="1"/>
</person>
<cancelationPolicy date="2017-04-07+02:00">
  <penalty currencyCode="EUR" totalPrice="890.0"/>
</cancelationPolicy>
<contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
<penaltyKey id="3823" nonRefundable="false"/>
</roomOffer>
</hotelSearchStep2Response>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Example 2: request for accomodation in a specific hotel for 2 adults, 1 child aged 1 and 1 child agend 15, with early booking discount applied, with BB (bed and breakfast) meal type

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:out="http://realobs.com/service/outgoing2">
  <soapenv:Header/>
  <soapenv:Body>
    <out:hotelSearchStep2Request outOperatorInclID="XXXXXXXX" hotelId="112493" dateFrom="2017-05-07" nightsDuration="5"
contractGrouppld="138126947" roomId="2116" earlyBooking="true">
      <!--1 or more repetitions-->
      <out:person allocationType="base" ageType="adult" mealId="1"/>
      <out:person allocationType="base" ageType="adult" mealId="1"/>
      <out:person allocationType="extra_bed" ageType="child" mealId="1" age="15"/>
      <out:person allocationType="without_bed" ageType="child" mealId="1" age="1"/>
    </out:hotelSearchStep2Request>
  </soapenv:Body>
</soapenv:Envelope>

```

```
    <out:penaltyKey nonRefundable="true"/>
  </out:hotelSearchStep2Request>
</soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <hotelSearchStep2Response xmlns="http://realobs.com/service/outgoing2">
      <roomOffer availability="available" earlyBooking="true" roomId="2116" spec="false">
        <person ageType="adult" allocationType="base">
          <price availability="available" currencyCode="EUR" totalPrice="325.0"/>
          <meal id="1"/>
        </person>
        <person ageType="adult" allocationType="base">
          <price availability="available" currencyCode="EUR" totalPrice="325.0"/>
          <meal id="1"/>
        </person>
        <person age="15" ageType="child" allocationType="extra_bed">
          <price availability="available" currencyCode="EUR" totalPrice="90.0"/>
          <meal id="1"/>
        </person>
        <person age="1" ageType="child" allocationType="without_bed">
          <price availability="available" currencyCode="EUR" totalPrice="0.0"/>
          <meal id="1"/>
        </person>
        <cancelationPolicy date="2017-04-07+02:00">
          <penalty currencyCode="EUR" totalPrice="740.0"/>
        </cancelationPolicy>
        <contractGroup id="138126947" name="Leasure 1" operatorId="144141"/>
        <penaltyKey nonRefundable="true"/>
      </roomOffer>
    </hotelSearchStep2Response>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```