Tour Search

http://test.bestoftravel.cz:8080/booking/public/ws/searchTour.wsdl

Tour Search – Step 1

Method: tourSearchStep1

Example 1: Searching of a tours for 2 adult and 1 child 5 y.o. with nights duration from 5 to 6 nights and start date from 18/06/2017 to 19/06/2017 from Moscow to Prague

Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:out="http://realobs.com/service/outgoing2">
  <soapenv:Header/>
  <soapenv:Body>
    <out:tourSearchStep1Request outOperatorIncID="926161623" nightsFrom="5" nightsTo="6" startDayFrom="2017-06-18" startDayTo="2017-06-19" daysOfWeek="1100111" availableOnly="true">
      <!--Optional:-->
      <out:locationsFrom>
        <!--Zero or more repetitions:-->
        <out:long>111761</out:long>
      </out:locationsFrom>
      <!--Optional:-->
      <out:locationsTo>
        <!--Zero or more repetitions:-->
        <out:long>111756</out:long>
      </out:locationsTo>
      <!--1 or more repetitions:-->
      <out:roomPersons adults="2" mealId="1">
        <out:childAges>
          <!--Zero or more repetitions:-->
          <out:int>5</out:int>
        </out:childAges>
```

```
        </out:roomPersons>
      </out:tourSearchStep1Request>
   </soapenv:Body>
</soapenv:Envelope>
```

Name	Required	Description	Example
outOperatorIncID	yes	ID of a company that makes a tour search	926161623
nightsFrom	no	minimum nights duration of tours	5
nightsTo	no	maximum nights duration of tours	6
startDayFrom	yes	the earliest date of possible tours start (check-in)	2017-06-18
startDayTo	yes	the latest date of possible tours start (check-in)	2017-06-19
daysOfWeek	no	days of week of possible tours start	1100111
availableOnly	no	show only hotels with avaliable quotas in tour programm	true false
locationsFrom	no	location of departure (flight from)	111761
locationsTo	no	location of tours start (hotels location of a 1st day in tour programm)	111756
adults	yes	amount of adults in allocation the tours are searched for	2
mealId	yes	ID of a meal type	1
childAges	no	amount and age of children in allocation tours are searched for	5

Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <tourSearchStep1Response xmlns="http://realobs.com/service/outgoing2">
     <tourSearchStep1ResponseItem name="Прага-Чешский Крумлов-замок Глубока над Влтавой">
       <excursion description="Описание экскурсии…" id="1301978" name="город Чешский Крумлов + замок Глубока над Вл"/>
       <excursion description="Это 4 часа увлекательного рассказа о главных исторических памятниках Праги…" id="981448432"
name="Старый Город с теплоходной прогулкой по Влтаве (4ч"/>
```

```xml
<excursion description="Описание…" id="981521319" name="Пешеходная экскурсия Градчаны и  Пражский Град"/>
<nightsGroup nights="6">
  <startDates date="2017-06-18+02:00">
    <offers combinationId="981336668">
      <locationsFrom locationFrom="111761">
        <flightsIn>
          <long>425114001</long>
          …
        </flightsIn>
        <flightsOut>
          <long>53579161</long>
          …
        </flightsOut>
      </locationsFrom>
      <tour code="7/6" description="В стоимость включено: групповой трансфер аэропорт-отель-аэропорт, проживание в отеле, питание- завтрак - шведский стол, экскурсии по программе, а также:  схема  метро, карта Праги.
В стоимость не  включено: входные билеты." id="981331373" name="Прага-Чешский Крумлов-замок Глубока над Влтавой" operatorId="144141"/>
    </offers>
  </startDates>
</nightsGroup>
</tourSearchStep1ResponseItem>
<tourSearchStep1ResponseItem name="Прага-Саксонская Швейцврия">
  <excursion description="Описание…" id="981448432" name="Старый Город с теплоходной прогулкой по Влтаве"/>
  <excursion description="Описание 2…" id="981521319" name="Пешеходная экскурсия Градчаны и  Пражский Град"/>
  <excursion description="..." id="981521334" name="Экскурсия в Саксонскю Щвейцарию"/>
  <nightsGroup nights="6">
    <startDates date="2017-06-18+02:00">
      <offers combinationId="981336670">
        <locationsFrom locationFrom="111761">
          <flightsIn>
            <long>425114001</long>
            …
          </flightsIn>
```

```
              <flightsOut>
                <long>53579161</long>
                …
              </flightsOut>
            </locationsFrom>
            <tour code="7/6" description="В стоимость включено: групповой трансфер аэропорт-отель-аэропорт, проживание в отеле,
питание- завтрак - шведский стол, экскурсии по программе, а также:  схема  метро, карта Праги.
В стоимость не  включено: входные билеты.
" id="981331373" name="Прага-Саксонская Швейцврия" operatorId="144141"/>
          </offers>
        </startDates>
      </nightsGroup>
    </tourSearchStep1ResponseItem>
  </tourSearchStep1Response>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Name	Description
tourSearchStep1ResponseItem: name	excursion package name
excursion: description	excursion description
excursion: id	excursion id
excursion: name	excursion name
nightsGroup: nights	duration of tour – amount of nights
startDates: date	tour start date
offers: combinationId	number of a tour package combination
locationsFrom: locationFrom	location of departure (flight from)
flightsIn	Ids of arrival flights
flightsOut	Ids of departure flight
tour: code	tour code
tour: description	tour description

tour: id	tour id
tour: name	tour name
tour: operatorId	Id of a an operator providing a tour

Tour Search – Step 2

Method: tourSearchStep2

Example: Searching of a tour for 2 adult and 1 child 5 y.o. with excursion combination 981336670 «Прага-Саксонская Швейцария» with a date of start 18/06/2017

Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:out="http://realobs.com/service/outgoing2">
  <soapenv:Header/>
  <soapenv:Body>
    <out:tourSearchStep2Request outOperatorIncID="926161623" combinationId="981336670" dateFrom="2017-06-18" availableOnly="true">
      <out:persons adults="2" mealId="1">
        <out:childAges>
          <!--Zero or more repetitions:-->
          <out:int>5</out:int>
        </out:childAges>
      </out:persons>
      <!--Optional:-->
      <out:hotelIds>
        <!--Zero or more repetitions:-->
        <out:long>112545</out:long>
        <out:long>111812</out:long>
      </out:hotelIds>
    </out:tourSearchStep2Request>
  </soapenv:Body>
</soapenv:Envelope>
```

Name	Required	Description	Example
outOperatorIncID	yes	ID of a company that makes a tour search	926161623
combinationId	yes	excursion package id	981336670
dateFrom	yes	date of tour start	2017-06-18
availableOnly	no	show only hotels with avaliable quotas in tour programm if absent on default value „false"	true false
adults	yes	amount of adults in allocation the tours are searched for	2
mealId	yes	ID of a meal type	1
childAges	no	amount and age of children in allocation tours are searched for	`<out:int>5</out:int>`
hotelIds	no	tour search filter by certain hotels (ids of hotels)	`<out:long>112545</out:long>`

Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <tourSearchStep2Response xmlns="http://realobs.com/service/outgoing2">
      <response id="981336670" name="Прага-Саксонская Швейцария">
        <tour description="В стоимость включено: ..." id="981331373" name="Прага-Саксонская Швейцврия" operatorId="144141"/>
        <period periodIndex="0">
          <hotels>
            <hotel id="112545" isMixTypeAllowed="true" name="SUITE HOME PRAGUE">
              <address latitude="50.07746" longitude="14.42269" postcode="11000" street="Příčná 658/2">
                <country id="111755" name="Чехия"/>
                <city id="111756" name="Прага"/>
                <district id="111757" name="Прага- 1"/>
              </address>
              <hotelCategory category="4" code="FOUR" id="4" name="4*"/>
```

```xml
<room code="TRPLSup" id="935218655" name="Superior Triple Room"/>
<image mainImage="false" url="http://test:8080/booking.jpg"/>
...
<description description="4-звездочный отель «Suite Home Prague»..." type="general"/>
</hotel>
<roomOffer availability="available" roomId="935218655" spec="false">
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="255.56"/>
    <meal id="1"/>
  </person>
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="255.56"/>
    <meal id="1"/>
  </person>
  <person age="5" ageType="child" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="255.56"/>
    <meal id="1"/>
  </person>
  <cancelationPolicy date="2017-06-15+02:00">
    <penalty currencyCode="EUR" totalPrice="136.02"/>
  </cancelationPolicy>
  <contractGroup id="138126978" name="Leasure 1" operatorId="144141"/>
  <penaltyKey id="3963" nonRefundable="false"/>
</roomOffer>
<roomOffer availability="available" roomId="935218655" spec="false">
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="247.3"/>
    <meal id="1"/>
  </person>
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="247.3"/>
    <meal id="1"/>
  </person>
  <person age="5" ageType="child" allocationType="base">
```

```xml
        <price availability="available" currencyCode="EUR" totalPrice="247.3"/>
        <meal id="1"/>
      </person>
      <cancelationPolicy date="2017-06-09+02:00">
        <penalty currencyCode="EUR" totalPrice="741.9"/>
      </cancelationPolicy>
      <contractGroup id="138126978" name="Leasure 1" operatorId="144141"/>
      <penaltyKey nonRefundable="true"/>
    </roomOffer>
  </hotels>
  <hotels>
    <hotel id="111812" isMixTypeAllowed="true" name="CAESAR PRAGUE">
      ...
  </hotels>
  <transferIn id="4379139">
    <hotels>
      <long>112545</long>
      <long>111812</long>
    </hotels>
    <flights>
      <long>149632553</long>
      ...
    </flights>
  </transferIn>
  <transferOut id="4379140">
    <hotels>
      <long>112545</long>
      <long>111812</long>
    </hotels>
    <flights>
      <long>26370970</long>
      ...
    </flights>
  </transferOut>
```

```
            <period from="2017-06-18+02:00" to="2017-06-24+02:00"/>
        </period>
        <excursion description="Это 4 часа увлекательного рассказа о..." endTime="2017-06-19T13:00:00+02:00" id="981448432" name="Старый
Город с теплоходной прогулкой по Влтаве" startTime="2017-06-19T09:00:00+02:00"/>
        <excursion description="Экскурсия начинается у..." endTime="2017-06-20T12:00:00+02:00" id="981521319" name="Пешеходная
экскурсия Градчаны и  Пражский Град" startTime="2017-06-20T09:00:00+02:00"/>
        <excursion description="Саксонская Щвейцария...." endTime="2017-06-23T18:00:00+02:00" id="981521334" name="Экскурсия в
Саксонскю Щвейцарию" startTime="2017-06-23T08:00:00+02:00"/>
    </response>
  </tourSearchStep2Response>
 </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Name	Description
response: id	excursion package id
response: name	excursion package name
tour: description	description of a tour
tour: id	tour id
tour: name	tour name
tour: operatorId	id of an incoming operator (provider)
periodIndex	
hotel: id	hotel id
hotel: isMixTypeAllowed	flag if tourists can have different meal types in 1 booked room
hotel: name	hotel name
address: latitude	hotel adress latitude coordinates
address: longitude	hotel adress longtitude coordinates
address: postcode	hotel adress postcode
address: street	hotel street adress
country: id	country id where the hotel is situated
country: name	country name where the hotel is situated

city: id	city id where the hotel is situated
city: name	city name where the hotel is situated
district: id	district id where the hotel is situated
district: name	district name where the hotel is situated
hotelCategory: category	hotel category
hotelCategory: code	code of a hotel category
hotelCategory: id	Id of a hotel category
hotelCategory: name	name of a hotel category
room: code	roomtype code
room: id	roomtype id
room: name	roomtype name
image: mainImage	flag if it is a main image of a hotel
image: url	url adress on the image
description: description	hotel description
description: type	description type
roomOffer: availability	allotment availability
roomOffer: roomId	roomtype id
roomOffer: spec	flag if it is a special offer
person: ageType	age category: adult or child
person: allocationType	allocation type: base, extra_bed, without_bed
price: availability	price availability
price: currencyCode	currency code
price: totalPrice	total price for 1 person
meal: id	meal type id
cancelationPolicy: date	start date for cancellation policy
penalty: currencyCode	penalty currency code
penalty: totalPrice	penalty amount
contractGroup: id	contract group id
contractGroup: name	contract group name
contractGroup: operatorId	id of an operator providing a tour
penaltyKey: id	penaltyKey id
penaltyKey: nonRefundable	flag if it is non refundable penalty or not
transferIn: id	Id of a transfer for arriving flight

transferIn: hotels	Ids of hotels where the transfer carries out delivery
transferIn: flights	arrival flights ids
transferOut: id	Id of a transfer for departure flight
transferOut: hotels	hotels Ids where the transfer has a pick up
transferOut: flights	departure flights ids
period: from	tour start date
period: to	tour end date
excursion: description	excursion description
excursion: endTime	end time of an excursion
excursion: id	excursion id
excursion: name	excursion name
excursion: startTime	excursion start time

Tour Search – Step 3

Method: tourSearchStep3

Example 1: Searching of a tour for 2 adult and 1 child 5 y.o. with excursion combination 981336670 «Прага-Саксонская Швейцария» with a date of start 18/06/2017 and hotel id 112545 "SUITE HOME PRAGUE"

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:out="http://realobs.com/service/outgoing2">
  <soapenv:Header/>
  <soapenv:Body>
    <out:tourSearchStep3Request outOperatorIncID="926161623" combinationId="981336670" dateFrom="2017-06-18">
      <!--1 or more repetitions:-->
      <out:period periodIndex="0" hotelId="112545" roomId="935218655" contractGroupId="138126978">
        <!--1 or more repetitions:-->
        <out:persons allocationType="base" ageType="adult" mealId="1"/>
        <out:persons allocationType="base" ageType="adult" mealId="1" age="35"/>
        <out:persons allocationType="base" ageType="child" mealId="1" age="5"/>
```

```
            <out:penaltyKey id="3963" nonRefundable="false"/>
        </out:period>
    </out:tourSearchStep3Request>
  </soapenv:Body>
</soapenv:Envelope>
```

Name	Required	Description	Example
outOperatorIncID	yes	ID of a company that makes a tour search	926161623
combinationId	yes	excursion package id	981336670
dateFrom	yes	date of tour start	2017-06-18
periodIndex	yes		0
hotelId	yes	choosen hotel id	112545
roomId	yes	choosen room Id	935218655
contractGroupId	yes	Id of a contract group	138126978
allocationType	yes	allocation type: base, extra_bed, without_bed	base
ageType	yes	age category: adult or child	adult
mealId	yes	meal type Id	1
age	for child yes for adult no	age	5
penaltyKey	yes	penalty id	3963
nonRefundable	yes	flag if the penalty is non refundable	false

Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <tourSearchStep3Response xmlns="http://realobs.com/service/outgoing2">
      <response id="981336670" name="Прага-Саксонская Швейцврия">
```

```xml
<tour description="В стоимость включено." id="981331373" name="Прага-Саксонская Швейцврия" operatorId="144141"/>
<period periodIndex="0">
  <hotels>
    <hotel id="112545" isMixTypeAllowed="true" name="SUITE HOME PRAGUE">
      <address latitude="50.07746" longitude="14.42269" postcode="11000" street="Příčná 658/2">
        <country id="111755" name="Чехия"/>
        <city id="111756" name="Прага"/>
        <district id="111757" name="Прага- 1"/>
      </address>
      <hotelCategory category="4" code="FOUR" id="4" name="4*"/>
      <room code="TRPLSup" id="935218655" name="Superior Triple Room"/>
      <image mainImage="false" url="http://test...d9b76be.jpg"/>
      ...
      <description description="4-звездочный отель «Suite Home Prague»..." type="general"/>
    </hotel>
    <roomOffer availability="on_request" roomId="935218655" spec="false">
      <person ageType="adult" allocationType="base">
        <price availability="available" currencyCode="EUR" totalPrice="260.54"/>
        <meal id="1"/>
      </person>
      <person ageType="adult" allocationType="base">
        <price availability="available" currencyCode="EUR" totalPrice="260.54"/>
        <meal id="1"/>
      </person>
      <person age="5" ageType="child" allocationType="base">
        <price availability="available" currencyCode="EUR" totalPrice="260.54"/>
        <meal id="1"/>
      </person>
      <cancelationPolicy date="2017-06-15+02:00">
        <penalty currencyCode="EUR" totalPrice="139.02"/>
      </cancelationPolicy>
      <contractGroup id="138126978" name="Leasure 1" operatorId="144141"/>
    </roomOffer>
  </hotels>
```

```xml
            <transferIn id="4379139">
              <hotels>
                <long>112545</long>
              </hotels>
              <flights>
                <long>149632553</long>
                ...
              </flights>
            </transferIn>
            <transferOut id="4379140">
              <hotels>
                <long>112545</long>
              </hotels>
              <flights>
                <long>26370970</long>
                ...
              </flights>
            </transferOut>
            <period from="2017-06-18+02:00" to="2017-06-24+02:00"/>
          </period>
          <excursion description="Это 4 часа увлекательного рассказа о..." endTime="2017-06-19T13:00:00+02:00" id="981448432" name="Старый
Город с теплоходной прогулкой по Влтаве (4ч" startTime="2017-06-19T09:00:00+02:00"/>
            ...
        </response>
      </tourSearchStep3Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Name	Description
response: id	excursion package id
response: name	excursion package name

tour: description	description of a tour
tour: id	tour id
tour: name	tour name
tour: operatorId	id of an operator providing a tour
period: periodIndex	
hotel: id	hotel id
hotel: isMixTypeAllowed	flag if tourists can have different meal types in same booked room
hotel: name	hotel name
address: latitude	hotel adress latitude coordinates
address: longitude	hotel adress longtitude coordinates
address: postcode	hotel adress postcode
address: street	hotel street adress
country: id	Id of a country where the hotel is situated
country: name	name of a country where the hotel is situated
city: id	city id where the hotel is situated
city: name	name of a city where the hotel is situated
district: id	district id where the hotel is situated
district: name	district name where the hotel is situated
hotelCategory: category	hotel category
hotelCategory: code	code of a hotel category
hotelCategory: id	Id of a hotel category
hotelCategory: name	name of a hotel category
room: code	roomtype code
room: id	roomtype id
room: name	roomtype name
image: mainImage	flag if an image is the the main image of a hotel
image: url	Image url
description: description	hotel description
description: type	type of a description: general, position, exterior, lobby, rooms, restaurant, sport, sanatorium, business, please_note
roomOffer: availability	allotment availability
roomOffer: roomId	roomtype id
roomOffer: spec	flag if it is a special offer

person: age	tourist age
person: ageType	age category: adult or child
person: allocationType	allocation type: base, extra_bed, without_bed
price: availability	price availability
price: currencyCode	currency code
price: totalPrice	total price for 1 person
meal: id	meal type id
cancelationPolicy: date	penalty start date
penalty: currencyCode	penalty currency code
penalty: totalPrice	penalty amount
contractGroup: id	contract group id
contractGroup: name	contract group name
contractGroup: operatorId	id of an operator providing a hotel in tour
transferIn: id	Id of a transfer for arriving flight
transferIn: hotels	hotels Ids where the transfer has stops
transferIn: flights	arrival flights ids
transferOut: id	Id of a transfer for departure flight
transferOut: hotels	hotels Ids where the transfer has a pick up
transferOut: flights	departure flights ids
period: from	tour start date
period: to	tour end date
excursion: description	excursion description
excursion: endTime	end time of an excursion
excursion: id	excursion id
excursion: name	excursion name
excursion: startTime	excursion start time