

# Booking several room types within one booking request (multi-room)

The API allows to book several different room type sof different ort he same hotel within one booking.

Prior to such booking, you need to make several searches for single room types (make steps 1 and 2 of hotel search), save the results and then use them while submitting the consolidated multi-room booking request.

## Example:

1) Search for a DBL room (for 2 PAX). Choose the desired offer at step 1, and verify the data on this offer at step 2:

### 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 outOperatorIncID="981208504" hotelId="116479"
      dateFrom="2017-08-18" nightsDuration="1" contractGroupId="954597609"
      roomId="935179541" earlyBooking="false">
      <out:person allocationType="base" ageType="adult" mealId="3"/>
      <out:person allocationType="base" ageType="adult" mealId="3"/>
      <out:penaltyKey id="10002" nonRefundable="false"/>
    </out:hotelSearchStep2Request>
  </soapenv:Body>
</soapenv:Envelope>
```

### TEMPORARILY SAVE THE RESPONSE:

```
<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="false" roomId="935179541"
        spec="false">
        <person ageType="adult" allocationType="base">
```

```

    <price availability="available" currencyCode="EUR" totalPrice="47.25"/>
    <meal id="3"/>
  </person>
  <person ageType="adult" allocationType="base">
    <price availability="available" currencyCode="EUR" totalPrice="47.25"/>
    <meal id="3"/>
  </person>
  <cancelationPolicy date="2017-08-11+02:00">
    <penalty currencyCode="EUR" totalPrice="94.5"/>
  </cancelationPolicy>
  <cancelationPolicy date="2017-08-18+02:00">
    <penalty currencyCode="EUR" totalPrice="94.5"/>
  </cancelationPolicy>
  <contractGroup id="954597609" name="General" operatorId="928534311"/>
  <penaltyKey id="10002" nonRefundable="false"/>
</roomOffer>
</hotelSearchStep2Response>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

2) Similarly search, verify and save another accomodation offer, e.g. SGL room (for 1 PAX):

### 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 outOperatorIncID="981208504" hotelId="321437"
      dateFrom="2017-08-18" nightsDuration="1" contractGroupId="981312249"
      roomId="935214260" earlyBooking="false">
      <out:person allocationType="base" ageType="adult" mealId="1"/>
      <out:penaltyKey id="21880" nonRefundable="false"/>
    </out:hotelSearchStep2Request>
  </soapenv:Body>
</soapenv:Envelope>

```

### TEMPORARILY SAVE THE RESPONSE:

```

<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="false" roomId="935214260"
        spec="false">
        <person ageType="adult" allocationType="base">
          <price availability="available" currencyCode="EUR" totalPrice="168.0"/>

```

```

        <meal id="1"/>
    </person>
    <cancelationPolicy date="2017-08-15+02:00">
        <penalty currencyCode="EUR" totalPrice="168.0"/>
    </cancelationPolicy>
    <cancelationPolicy date="2017-08-18+02:00">
        <penalty currencyCode="EUR" totalPrice="168.0"/>
    </cancelationPolicy>
    <contractGroup id="981312249" name="General" operatorId="928534311"/>
    <penaltyKey id="21880" nonRefundable="false"/>
</roomOffer>
</hotelSearchStep2Response>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3) Use the previously saved data in **booking request**:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:out="http://realobs.com/service/outgoing2">
  <soapenv:Header/>
  <soapenv:Body>
    <out:bookRequest outOperatorIncID="981208504">
      <out:actions>
        <out:addPerson index="0">

```

**<!-- Put here the names and define booking IDs of ALL tourists in the booking -->**

```

        <out:person outId="700" name="A" surname="B"/>
        <out:person outId="701" name="C" surname="D"/>
        <out:person outId="702" name="F" surname="G"/>
      </out:addPerson>

```

**<!--Details of the 1st. hotel plus booking IDs only for those tourists, for whom this hotel is being booked -->**

```

        <out:addHotel index="1" hotelId="116479" contractGroupId="954597609"
        roomId="935179541" startDate="2017-08-18" endDate="2017-08-19"
        earlyBooking="false">
          <out:hotelPerson personOutId="700" mealTypeId="3" allocationType="base"
            ageType="adult"/>
          <out:hotelPerson personOutId="701" mealTypeId="3" allocationType="base"
            ageType="adult"/>
          <out:price availability="available" totalPrice="94.5" currencyCode="EUR"/>
          <out:penaltyKey id="10002" nonRefundable="false"/>
        </out:addHotel>

```

**<!-- Details of the 2nd. hotel plus booking IDs only for that tourist, for whom this hotel is being booked -->**

```

        <out:addHotel index="2" hotelId="321437" contractGroupId="981312249"
        roomId="935214260" startDate="2017-08-18" endDate="2017-08-19"
        earlyBooking="false">

```

```

        <out:hotelPerson personOutId="702" mealTypeId="1" allocationType="base"
ageType="adult"/>
        <out:price availability="available" totalPrice="168.0" currencyCode="EUR"/>
        <out:penaltyKey id="21880" nonRefundable="false"/>
    </out:addHotel>

    </out:actions>
    <out:requestVersion outId="448" version="1"/>
</out:bookRequest>
</soapenv:Body>
</soapenv:Envelope>

```

### RESPONSE upon the successful booking submission:

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <bookResponse xmlns="http://realobs.com/service/outgoing2">
      <request agent="XXXXXXXX" created="2017-07-19T20:42:13+02:00"
modified="2017-07-19T20:42:15.392+02:00" number="428267">
        <requestVersion id="981589254" outId="448" version="1"/>
        <partner id="981208504" name="YYYYYYY"/>
        <mainOperator id="928534311" name="ZZZZZZ"/>
        <price availability="available" currencyCode="EUR" totalPrice="262.5"/>
        <status generalStatus="submitted"/>
        <person id="981918445" name="A" outId="700" surname="B"/>
        <person id="981918446" name="C" outId="701" surname="D"/>
        <person id="981918447" name="F" outId="702" surname="G"/>
        <services>
          <hotel autoCancellationDate="2017-08-10T16:00:00+02:00" availability="fix"
contractGroupId="954597609" earlyBooking="false" hotelId="116479" id="972648689"
nights="1" payDate="2017-08-08T12:00:00+02:00" paymentStatus="not_paid"
roomId="935179541" startDate="2017-08-18+02:00">
            <operator id="928534311" name="ZZZZZZ"/>
            <statuses generalStatus="submitted"/>
            <price availability="available" currencyCode="EUR" totalPrice="94.5"/>
            <cancelationPolicy date="2017-08-11+02:00">
              <penalty currencyCode="EUR" totalPrice="94.5"/>
            </cancelationPolicy>
            <cancelationPolicy date="2017-08-18+02:00">
              <penalty currencyCode="EUR" totalPrice="94.5"/>
            </cancelationPolicy>
            <person ageType="adult" allocationType="base" mealTypeId="3"
personId="981918445" personOutId="700"/>
            <person ageType="adult" allocationType="base" mealTypeId="3"
personId="981918446" personOutId="701"/>
          </hotel>
          <hotel autoCancellationDate="2017-08-14T16:00:00+02:00" availability="fix"

```

```
contractGroupId="981312249" earlyBooking="false" hotelId="321437" id="972648690"
nights="1" payDate="2017-08-12T12:00:00+02:00" paymentStatus="not_paid"
roomId="935214260" startDate="2017-08-18+02:00">
  <operator id="928534311" name=" ZZZZZZ "/>
  <statuses generalStatus="submitted"/>
  <price availability="available" currencyCode="EUR" totalPrice="168.0"/>
  <cancelationPolicy date="2017-08-15+02:00">
    <penalty currencyCode="EUR" totalPrice="168.0"/>
  </cancelationPolicy>
  <cancelationPolicy date="2017-08-18+02:00">
    <penalty currencyCode="EUR" totalPrice="168.0"/>
  </cancelationPolicy>
  <person ageType="adult" allocationType="base" mealTypeId="1"
personId="981918447" personOutId="702"/>
</hotel>
</services>
</request>
</bookResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```