Documentation XML message flow - English

NextPax.com
PaxGenerator
G7 Super-XML

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Version history

Date	Revision	Modification
31/10/13	1.2.5	Added touroperator Gran Alacant in Appendix B
12/04/13	1.2.4	Added some new touroperators in Appendix B
12/09/12	1.2.3	Added new backup webservice example script
11/08/12	1.2.2	Added new touroperators, removed Jules Villas and Vipholidays
17/09/11	1.2.1	Updated Appendix B
05/07/11	1.2.0	Added information about backup webservice
31/01/11	1.1.6	Added remark about PaxID values
15/11/10	1.1.5	Added new payment methods for extras in BookRequest
06/10/10	1.1.4	Added payment information about holiday home and Inter Chalet
26/05/10	1.1.3	Switched from version 1.8 to 1.8N
13/03/10	1.1.2	Added <Language> element in BookRequest
04/01/10	1.1.1	Added note about communicating the amount of pets (in BookRequest). Changed payment methods for touroperator Belvilla.
13/11/09	1.1.0	Added information about Insurances (AddProAvailabilityRequest)
21/08/09	1.0.1	Note about test bookings added in the General Explanation. Added Appendix B :: Payment methods.
01/05/09	1.0.0	Initial version.

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General Explanation

To enable real-time availability checks and booking holiday houses we supply some webservices based on the "STANDARD FOR XML-MESSAGE FLOW IN THE TRAVEL BUSINESS". This Standard is maintained by a group of major Dutch tour operators, called the G7, in cooperation with the ANVR, the Dutch Association of Travel Agents and Tour Operators.

Documentation of this standard is available in our Extranet at https://secure.nextpax.com/extranet/ in the Information > Manuals section. In this documentation you can find more background information about the Standard and other parts of the Standard which are not used in the PaxGenerator G7 Super-XML.

The different XML requests are explained in the following chapters. After sending a XML request you will receive a XML response. The easiest way to test the XML requests and responses is by visiting the Super-XML > ANVR G7 Requests section in our Extranet. Here you can test the different XML requests with sample data.

If you want to test the integration of the XML message flow in your own system, you can send XML requests to https://secure.nextpax.com/testxml/xml/. When you are ready with the integration, the ICT-services department of NextPax.com will check your website and make some test bookings (*note: you can make test bookings on Interhome, Novasol and TUI Ferienhaus houses, other houses will result in errors*). If everything works well, you will receive the URL of the "live" production environment.

XML requests should be send as plain HTTP Post requests. An example in PHP is placed below:

```php
<?php

$rCurl           = curl_init('https://secure.nextpax.com/testxml/xml/');
curl_setopt($rCurl, CURLOPT_SSL_VERIFYPEER, 0);
curl_setopt($rCurl, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($rCurl, CURLOPT_POST, 1);
curl_setopt($rCurl, CURLOPT_POSTFIELDS, $sXMLRequest));
$sData           = curl_exec($rCurl);
curl_close($rCurl);

$oDOMDoc          = new DOMDocument('1.0');
$oDOMDoc->formatOutput = true;
$oDOMDoc->preserveWhiteSpace = false;
$oDOMDoc->loadXml($sData);

$sXMLResponse     = $oDOMDoc->saveXML();  // Contains the response in XML-format

?>
```
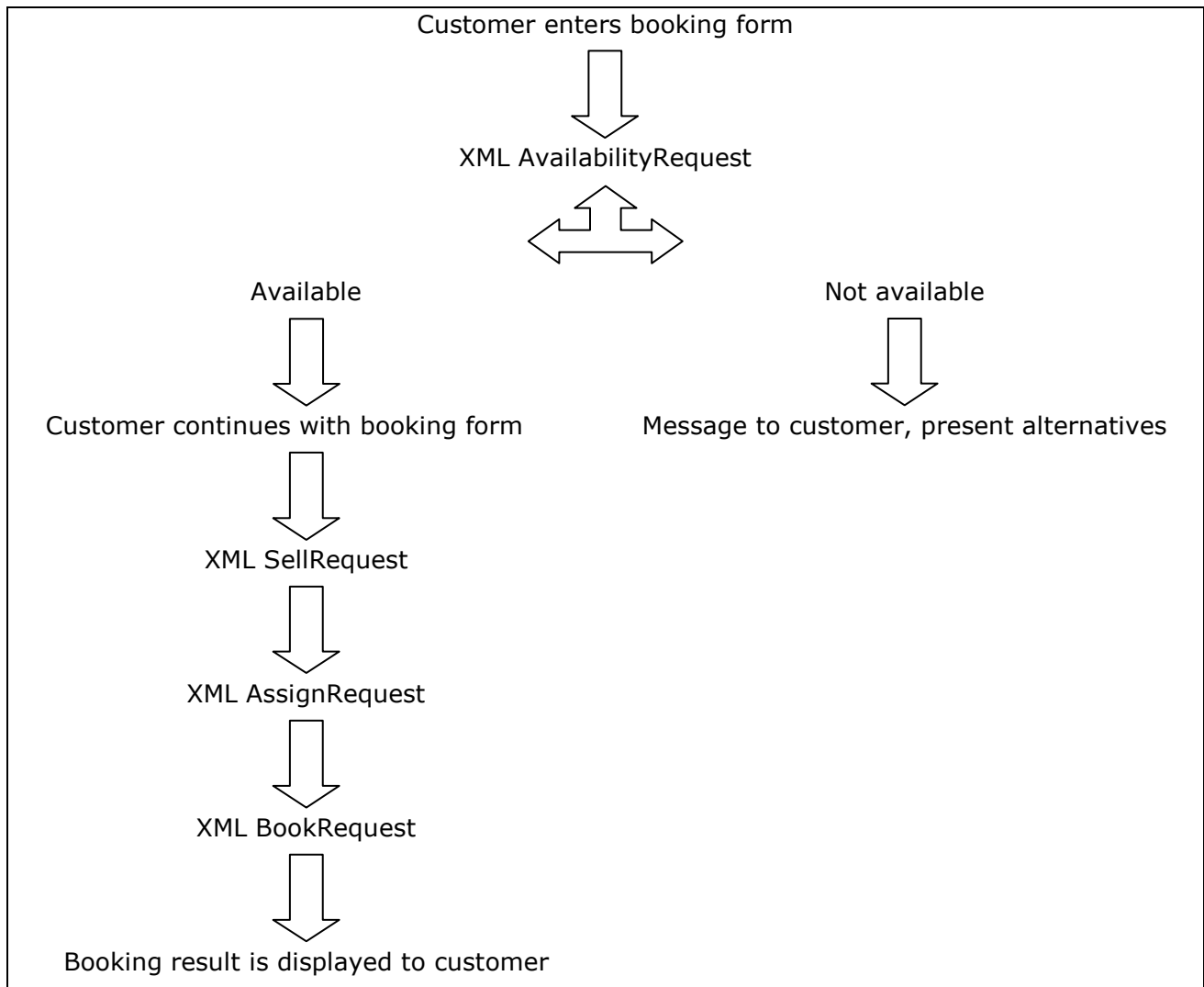
Overview XML requests

The XML requests should be used in a certain order, inside the booking process. Normally, one should use the following message flow:

Customer enters booking form

⬇

XML AvailabilityRequest

Available / Not available

Customer continues with booking form

Message to customer, present alternatives

⬇

XML SellRequest

⬇

XML AssignRequest

⬇

XML BookRequest

⬇

Booking result is displayed to customer

For more information about the message flow, please see chapter 2 of the documentation of the *ANVR G7 Standard XML-message flow in the travel business*.

The different XML requests are explained in detail in the next chapter.

Please make sure that you provide SSL secured booking pages to your customers, because some touroperators require Credit Card details, which should be transferred with a secure connection.

Backup location

Despite the fact that we do everything that's possible to deliver maximum uptime for our primary PaxGenerator servers, there will be some occassional downtime (due to maintenance, hardware failures and so on). We offer backup webservices to prevent lost sales and dissatisfied visitors. The domain of this backup location is **https://secure.nextpax.net**.

Please make sure that you only use the backup location when the primary location is unreachable!

We made an example script to help you with the implementation of the backup location:

```php
$sSuperXmlServer = 'https://secure.nextpax.com/testxml/xml/';

// Create a connection / set options.
$rCurl = curl_init($sSuperXmlServer);
curl_setopt($rCurl, CURLOPT_SSL_VERIFYPEER, 0);
curl_setopt($rCurl, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($rCurl, CURLOPT_POST, 1);
curl_setopt($rCurl, CURLOPT_CONNECTTIMEOUT, 2);
curl_setopt($rCurl, CURLOPT_TIMEOUT, 120);

// Set the XML request data.
curl_setopt($rCurl, CURLOPT_POSTFIELDS, $sXMLRequest);

// Execute the request.
$sXMLResponse = curl_exec($rCurl);

if ($sXMLResponse == '') {
    $sSuperXmlServer = 'https://secure.nextpax.net/testxml/xml/';

    $rCurl = curl_init($sSuperXmlServer);
    curl_setopt($rCurl, CURLOPT_SSL_VERIFYPEER, 0);
    curl_setopt($rCurl, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($rCurl, CURLOPT_POST, 1);
    curl_setopt($rCurl, CURLOPT_POSTFIELDS, $sXMLRequest);

    $sXMLResponse = curl_exec($rCurl);
}

// Close the connection.
curl_close($rCurl);
```

The XML requests in detail

In this chapter we will provide you example requests and response for each available XML request. The <Control> element, which is necessary in each Request, has been removed from the examples. You can find an example of the <Control> element below.

In a request, the <Control> element looks like:

```
<?xml version="1.0"?>
<TravelMessage xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"
VersionID="1.8N" xsi:noNamespaceSchemaLocation="..\travmessage_v1.8N.xsd">

  <Control Language="NL" Test="ja">
    <SenderSessionID>mySession01</SenderSessionID>          Your SessionID
    <ReceiverSessionID>hisSessionID</ReceiverSessionID>     NextPax.com SessionID
    <Date>2009-05-01</Date>                                 Current date (Y-m-d)
    <Time Reliability="zeker">18:03:15</Time>               Current time (H:i:s)
    <MessageSequence>1</MessageSequence>                    Default '1'
    <SenderID> YOUR_SENDER_ID</SenderID>                    Your SenderID
    <ReceiverID>NPS001</ReceiverID>                         Default 'NPS001'
    <RequestID>SellRequest</RequestID>                      Name of the Request
    <ResponseID>SellResponse</ResponseID>                   Name of the Response
  </Control>

</TravelMessage>
```

In a reponse, the <Control> element looks like:

```
<?xml version="1.0"?>
<TravelMessage xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"
VersionID="1.8N" xsi:noNamespaceSchemaLocation="..\travmessage_v1.8N.xsd">

  <Control Language="NL" Test="ja">
    <SenderSessionID>hisSessionID</SenderSessionID>         NextPax.com SessionID
    <ReceiverSessionID>mySession01</ReceiverSessionID>      Your SessionID
    <Date>2009-05-01</Date>                                 Current date (Y-m-d)
    <Time Reliability="zeker">18:03:26</Time>               Current time (H:i:s)
    <MessageSequence>2</MessageSequence>                    Default '2'
    <SenderID>NPS001</SenderID>                             NextPax.com SenderID
    <ReceiverID>YOUR_SENDER_ID</ReceiverID>                 Your SenderID
    <RequestID>SellRequest</RequestID>                      Name of the Request
    <ResponseID>SellResponse</ResponseID>                   Name of the Response
  </Control>
```

Replace YOUR_SENDER_ID with your own SenderID that you received from us.
You have to decide which values you want to use for the SenderSessionID and
ReceiverSessionID (can be some random string, or some time-based hash).
There should be difference between the values of SenderSessionID and ReceiverSessionID.

AvailabilityRequest

* See Appendix A for an overview of the Messages.

```
<TRequest>
   <AvailabilityRequest>
      <PackageDetails">
        <PackageID>500601011137</PackageID>                 Holiday ID
        <NumberOfAdults>2</NumberOfAdults>                  # of adults
        <NumberOfChildren>0</NumberOfChildren>             # of children (3-17)
        <NumberOfBabies>0</NumberOfBabies>                 # of babies (0-2)
        <DepartureDate>2010-11-13</DepartureDate>          Start date
        <Duration DurationType="dagen">7</Duration>        Duration in days
      </PackageDetails>
   </AvailabilityRequest>
</TRequest>
```

This request results in the following response if the holiday is available:

```
<TResponse>
   <PackageDetails>
      <PackageID>500601011137</PackageID>                 Holiday ID
      <NumberOfAdults>2</NumberOfAdults>                  # of adults
      <NumberOfChildren>0</NumberOfChildren>             # of children (3-17)
      <NumberOfBabies>0</NumberOfBabies>                 # of babies (0-2)
      <DepartureDate>2010-11-13</DepartureDate>          Start date
      <Duration DurationType="dagen">7</Duration>        Duration in days
   </PackageDetails>
</TResponse>
```

Or if the holiday is not available anymore (error code 1004):

```
<TResponse>
   <Messages>
      <MessageID>1004</MessageID>                        Message ID
      <MessageType>Info</MessageType>                    Message Type
      <Description>Optional information</Description>     Description *
      <Date>2009-05-01</Date>                            Current date (Y-m-d)
   </Messages>
</TResponse>
```

Remark (*): This element is not always present in the response, it's mainly used for giving extra information about booking errors.

SellRequest

```
<TRequest>
   <SellRequest>
      <PackageDetails>
         <PackageID>500601011137</PackageID>              Holiday ID
         <NumberOfAdults>2</NumberOfAdults>               # of adults
         <NumberOfChildren>0</NumberOfChildren>           # of children (3-17)
         <NumberOfBabies>0</NumberOfBabies>               # of babies (0-2)
         <DepartureDate>2010-11-13</DepartureDate>        Start date
         <Duration DurationType="dagen">7</Duration>      Duration in days
      </PackageDetails>
      <Transport>
         <TransportTo>
            <ComponentID>T01</ComponentID>                Default 'T01'
            <TransportType>EV</TransportType>             Default 'EV'
            <Departure>
               <Point PointType="Internal">
                  <PointID />
               </Point>
               <Date>2010-11-13</Date>                    Start date
            </Departure>
            <Arrival>
               <Point PointType="Internal">
                  <PointID />
               </Point>
               <Date>2010-11-13</Date>                    Start date
            </Arrival>
         </TransportTo>
      </Transport>
   </SellRequest>
</TRequest>
```

This requests leads to the following response if everything went alright:

```
<TResponse>
   <SellResponse>
      <PackageDetails>
         <PackageID>500601011137</PackageID>              Holiday ID
         <NumberOfAdults>2</NumberOfAdults>               # of adults
         <NumberOfChildren>0</NumberOfChildren>           # of children (3-17)
         <NumberOfBabies>0</NumberOfBabies>               # of babies (0-2)
         <DepartureDate>2010-11-13</DepartureDate>        Start date
         <Duration DurationType="dagen">7</Duration>      Duration in days
      </PackageDetails>
      <PriceInfo>
         <Price Currency="EUR" PricePer="TP">48750</Price>  Price in cents
      </PriceInfo>
   </SellResponse>
</TResponse>
```

AssignRequest

The AssignRequest should be send after the SellRequest has been processed.

```
<TRequest>
   <AssignRequest>
      <PaxDetails>                                        (For each person)
        <PaxDescription>
          <PaxID>P01</PaxID>                              Unique person ID *
          <Initials>H</Initials>                          Initials
          <Infix>de</Infix>                               Infix (optional)
          <Name>Man</Name>                                (sur)Name
          <Gender>m</Gender>                              Gender
        </PaxDescription>
        <PaxDescription>
          <PaxID>P02</PaxID>                              Unique person ID *
          <Initials>V</Initials>                          Initials
          <Infix>de</Infix>                               Infix (optional)
          <Name>Man</Name>                                Name
          <Gender>v</Gender>                              Gender
        </PaxDescription>
        <HomeStay>                                        (Details of someone
          <Name>J. Jansen</Name>                          from home in case of
          <TelHome>0123-234567</TelHome>                  emergency)
        </HomeStay>
      </PaxDetails>
      <PaxAssignment>
        <TransportAssignment>
          <TransportID>T01</TransportID>                  Default 'T01'
          <ClassID>C01</ClassID>                          Default 'C01'
          <PaxID>P01</PaxID>                              PaxIDs of all persons
          <PaxID>P02</PaxID>
        </TransportAssignment>
        <AccoAssignment>
          <AccommodationID>A50060</AccommodationID>       'A' + house number
          <ArrivalDate>2010-11-13</ArrivalDate>           Start date
          <Duration DurationType="dagen">7</Duration>     Duration in days
          <UnitAssignment>
            <UnitID>U01</UnitID>                          Default 'U01'
            <Quantity>1</Quantity>                        Default '1'
            <RoomAssignment>
              <Sequence>1</Sequence>                      (All persons should
              <PaxID>P01</PaxID>                          be mentioned here
              <PaxID>P02</PaxID>                          with their PaxID)
            </RoomAssignment>
          </UnitAssignment>
        </AccoAssignment>
      </PaxAssignment>
   </AssignRequest>
</TRequest>
```

Remark (*): The PaxID should always contain a value starting with "P" followed by the numerical index of the person in 2 digits (prefixed with a zero if the index is below 10). If you have for example 11 persons in a booking, the first person should have PaxID = "P01" and the last persons should have PaxID = "P11".

The response looks as follows:

```
<TResponse>
   <AssignResponse>
      <PackageDetails>
         <PackageID>500601011137</PackageID>              Holiday ID
         <NumberOfAdults>2</NumberOfAdults>               # of adults
         <NumberOfChildren>0</NumberOfChildren>           # of children (3-17)
         <NumberOfBabies>0</NumberOfBabies>               # of babies (0-2)
         <DepartureDate>2010-11-13</DepartureDate>        Start date
         <Duration DurationType="dagen">7</Duration>      Duration in days
      </PackageDetails>
      <Transport>
         <TransportTo>
            <TransportID>T01</TransportID>                Default 'T01'
            <TransportType>EV</TransportType>             Default 'EV'
            <Departure>
               <Point PointType="Internal">
                  <PointID>Alicante</PointID>             House place
               </Point>
               <Date>2010-11-13</Date>                   Start date
            </Departure>
         </TransportTo>
      </Transport>
      <Accommodation>
         <AccommodationID>A50060</AccommodationID>        'A' + house number
         <ArrivalDate>2010-11-13</ArrivalDate>            Start date
         <Duration>7</Duration>                           Duration in days
      </Accommodation>
      <PaxDetails>
         <PaxDescription>                                 (For each person)
            <PaxID>P01</PaxID>                            Unique person ID
            <Initials>H</Initials>                        Initials
            <Infix>de</Infix>                             Infix (optional)
            <Name>Man</Name>                              Name
            <Gender>m</Gender>                            Gender
         </PaxDescription>
         <PaxDescription>                                 (For each person)
            <PaxID>P02</PaxID>
            (..)
         </PaxDescription>
         <HomeStay>                                       (Details of someone
            <Name>J. Jansen</Name>                        from home in case of
            <TelHome>0123-234567</TelHome>                emergency)
         </HomeStay>
      </PaxDetails>
      <PaxAssignment>
         <TransportAssignment>
            <TransportID>T01</TransportID>                Default 'T01'
            <ClassID>C01</ClassID>                        Default 'C01'
            <PaxID>P01</PaxID>                            PaxIDs of all persons
            <PaxID>P02</PaxID>
         </TransportAssignment>
         <AccoAssignment>
            <AccommodationID>A50060</AccommodationID>     'A' + house number
            <ArrivalDate>2010-11-13</ArrivalDate>         Start date
            <Duration DurationType="dagen">7</Duration>   Duration in days
            <UnitAssignment>
               <UnitID>U01</UnitID>
               <Quantity>1</Quantity>
               <RoomAssignment>
```

```
            <Sequence>1</Sequence>                    (All persons should
            <PaxID>P01</PaxID>                        be mentioned here
            <PaxID>P02</PaxID>                        with their PaxID)
          </RoomAssignment>
        </UnitAssignment>
      </AccoAssignment>
    </PaxAssignment>
  </AssignResponse>
</TResponse>
```

BookRequest

```
<TRequest>
   <BookRequest>
      <PaxDetails>
         <PaxDescription>
            <PaxID>P01</PaxID>                            Unique person ID
            <Initials>H</Initials>                        Initials
            <Infix>de</Infix>                             Infix (optional)
            <Name>Man</Name>                              Name
            <Gender>m</Gender>                            Gender
         </PaxDescription>
         <PaxDescription>
            <PaxID>P02</PaxID>                            Unique person ID
            (..)
         </PaxDescription>
         <Contact>
            <Initials>V</Initials>                        Initials
            <Name>de Vrouw</Name>                         Name
            <Gender>m</Gender>                            Gender
            <Address>Straat 1A</Address>                  Street + housenumber
            <Zipcode>1234 AB</Zipcode>                    Zipcode
            <Place>Amsterdam</Place>                      Place
            <Country>NL</Country>                         Country (ISO 3166)
            <Language>nl</Language>                        Language (ISO 639)
            <TelHome>0123-987654</TelHome>                Phone home
            <TelWork>0321-987654</TelWork>                Phone work
            <TelMobile>06-12345678</TelMobile>            Phone mobile
            <Email>test@test.com</Email>                  E-mail address
            <BankAccount>0000</BankAccount>               Credit Card details *
         </Contact>
         <HomeStay>                                       (Details of someone
            <Name>J. Jansen</Name>                        from home in case of
            <TelHome>0123-234567</TelHome>                emergency)
         </HomeStay>
      </PaxDetails>
      <PaxAssignment>
         <TransportAssignment>
            <TransportID>T01</TransportID>                Default 'T01'
            <ClassID>C01</ClassID>                        Default 'C01'
            <PaxID>P01</PaxID>
            <PaxID>P02</PaxID>
         </TransportAssignment>
         <AccoAssignment>
            <AccommodationID>A50060</AccommodationID>     'A' + house number
            <ArrivalDate>2010-11-13</ArrivalDate>         Start date
            <Duration DurationType="dagen">7</Duration>   Duration in days
            <UnitAssignment>
               <UnitID>U01</UnitID>                       Default 'U01'
               <Quantity>1</Quantity>                     Default '1'
               <RoomAssignment>
                  <Sequence>1</Sequence>                  (All persons should
                  <PaxID>P01</PaxID>                      be mentioned here
                  <PaxID>P02</PaxID>                      with their PaxID)
               </RoomAssignment>
            </UnitAssignment>
         </AccoAssignment>
      </PaxAssignment>
   </BookRequest>
</TRequest>
```

If everything goes well, the response will look like:

```
<TResponse>
   <PackageDetails>
      <PackageID>500601011137</PackageID>                   Holiday ID
      <NumberOfAdults>2</NumberOfAdults>                    # of adults
      <NumberOfChildren>0</NumberOfChildren>               # of children (3-17)
      <NumberOfBabies>0</NumberOfBabies>                   # of babies (0-2)
      <DepartureDate>2010-11-13</DepartureDate>            Start date
      <Duration DurationType="dagen">7</Duration>          Duration in days
   </PackageDetails>
   <BookResponse>
      <BookID>00000038</BookID>                            Book ID
      <Date>2009-05-01</Date>                              Current date (Y-m-d)
      <Time>18:03:57</Time>                                Current time
      <Status>Akkoord</Status>                             Default 'Akkoord'
      <BookInfo>
        <InvoiceID>00000038</InvoiceID>                    Invoice ID
        <InvoiceDate>2009-05-01</InvoiceDate>              Invoice date
      </BookInfo>
   </BookResponse>
</TResponse>
```

Remark 1 (*): If the customer wants to pay with a Credit Card, for example to book TUI Wolters houses, you should enter the Credit Card details in the <BankAccount> field in the following order: creditcard;[TYPE];[CARD_NUMBER];[EXPIRY_YEAR]-[EXPIRY_MONTH];[CARD_HOLDER_FIRST_NAME];[CARD_HOLDER_LAST_NAME];[CVC_CODE] Where [TYPE] is "visa" for Visa, "mast" for MasterCard or "amex" for American Express.
An example: "creditcard;visa;4111111111111111;2011-09;John;Doe;321"

If the customer wants to pay by bank, you can use some zeros as value for BankAccount. The tour operator will later send an invoice or something like that to the customer.

Remark 2: If the customer wants to bring one or more pets, you should add an APAssignment element with ExtraID "PET0000" right after the PaxAssignment->AccoAssignment element in BookRequest (see the example below). The number of pets (set in the <Quantity> element) should not exceed the NumberOfPets of the selected house as specified in the Houses XML.

```
<APAssignment>
  <ExtrasAssignment>
    <ExtraID>PET0000</ExtraID>
    <Sequence>1</Sequence>
    <From><Date>[START_DATE_OF_HOLIDAY]</Date></From>
    <To><Date>[END_DATE_OF_HOLIDAY]</Date></To>
    <Quantity>1</Quantity>
  </ExtrasAssignment>
</APAssignment>
```

BreakRequest

Because BreakRequest does not have a <TRequest> element, but only needs the right RequestID and ResponseID in the <Control> element, we have placed a full XML example:

```
<?xml version="1.0" ?>
<TravelMessage VersionID="1.8N">
  <Control Language="NL" Test="ja">
    <SenderSessionID>mySession01</SenderSessionID>        Your SessionID
    <ReceiverSessionID>hisSessionID</ReceiverSessionID>   NextPax.com SessionID
    <Date>2009-05-01</Date>                               Current date (Y-m-d)
    <Time Reliability="zeker">19:34:41</Time>             Current time (H:i:s)
    <MessageSequence>1</MessageSequence>                  Default '1'
    <SenderID>YOUR_SENDER_ID</SenderID>                   Your SenderID
    <ReceiverID>NPS001</ReceiverID>                       Default 'NPS001'
    <RequestID>BreakRequest</RequestID>                   "BreakRequest"
    <ResponseID>BreakResponse</ResponseID>                "BreakResponse"
  </Control>
</TravelMessage>
```

If the BreakRequest is received, the system cleans the session belonging to the request.
The response is also slightly different than normal:

```
<?xml version="1.0"?>
<TravelMessage xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"
VersionID="1.8N" xsi:noNamespaceSchemaLocation="..\travmessage_v1.8N.xsd">
  <Control Language="NL" Test="ja">
    <SenderSessionID>hisSessionID</SenderSessionID>       NextPax.com SessionID
    <ReceiverSessionID>mySession01</ReceiverSessionID>    Your SessionID
    <Date>2009-05-01</Date>                               Current date (Y-m-d)
    <Time Reliability="zeker">19:34:43</Time>             Current time (H:i:s)
    <MessageSequence>2</MessageSequence>                  Default '2'
    <SenderID>NPS001</SenderID>                           Default 'NPS001'
    <ReceiverID>YOUR_SENDER_ID</ReceiverID>               Your SenderID
    <RequestID>BreakRequest</RequestID>                   "BreakRequest"
    <ResponseID>BreakResponse</ResponseID>                "BreakResponse"
  </Control>
</TravelMessage>
```

AddProAvailabilityRequest

AddProAvailabilityRequest contains two different possible ResponseID's: AvailabilityResponse and AvailabilityDetailsResponse. The first ResponseID is used to receive an overview of all possible Extras, like insurances. The second ResponseID is used to receive more detailed information about a selected Extra.

Because the differences between the ResponseID's might be confusing, we added full XML examples for each request and the corresponding response.

AddProAvailabilityRequest / AvailabilityResponse (Example Request)
```xml
<?xml version="1.0" ?>
<TravelMessage VersionID="1.8N">
  <Control Language="NL" Test="ja">
    (..)
    <RequestID>AddProAvailabilityRequest</RequestID>
    <ResponseID>AvailabilityResponse</ResponseID>
  </Control>
  <TRequest>
    <SellRequest>
      <PackageDetails WaitListCheck="ja">
        <PackageID>1440849912057</PackageID>
        <NumberOfAdults>2</NumberOfAdults>
        <NumberOfChildren>0</NumberOfChildren>
        <NumberOfBabies>0</NumberOfBabies>
        <DepartureDate>2009-12-05</DepartureDate>
        <DeparturePoint>NL</DeparturePoint>
        <Duration DurationType="dagen">7</Duration>
      </PackageDetails>
    </SellRequest>
  </TRequest>
</TravelMessage>
```

AddProAvailabilityRequest / AvailabilityResponse (Example Response)
```xml
<?xml version="1.0"?>
<TravelMessage xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"
VersionID="1.8N" xsi:noNamespaceSchemaLocation="..\travmessage_v1.8N.xsd">
  <Control Language="NL" Test="ja">
    (..)
    <RequestID>AddProAvailabilityRequest</RequestID>
    <ResponseID>AvailabilityResponse</ResponseID>
  </Control>
  <TResponse>
    <PackageDetails WaitListCheck="ja">
      <PackageID>1440849912057</PackageID>
      <NumberOfAdults>2</NumberOfAdults>
      <NumberOfChildren>0</NumberOfChildren>
      <NumberOfBabies>0</NumberOfBabies>
      <DepartureDate>2009-12-05</DepartureDate>
      <DeparturePoint>NL</DeparturePoint>
      <Duration DurationType="dagen">7</Duration>
    </PackageDetails>
    <AdditionalProducts>
      <Extras>
        <ExtraID>TIE0100</ExtraID>
        <Description>Aflopende Annuleringsverzekering (&euro;
18,46)]]][[[https://www.triple-
```

```
ip.com/Templates/NL/GC_NL.PDF]]][[[https://www.triple-
ip.com/Templates/NL/GC_NL.PDF</Description>
      </Extras>
       (..)
      <Extras>
        <ExtraID>TIE1100</ExtraID>
        <Description>Aflopende Reis- en Annuleringsverzekering (&euro;
43,80)]]][[[https://www.triple-
ip.com/Templates/NL/GC_NL.PDF]]][[[https://www.triple-
ip.com/Templates/NL/GC_NL.PDF</Description>
      </Extras>
    </AdditionalProducts>
 </TResponse>
</TravelMessage>
```

One important thing to notice: you have to enter the ISO 3166 2-char country code of the country where the customer is living in the element <DeparturePoint>. This is crucial for getting the right response.

In the Extras->Description value you can see "]]][[[", which is used as a separator.
For travel insurances ExtraID always starts with 'TI'. The Description contains the following value: "Product name]]][[[URL to general conditions]]][[[URL to product information". (These URL's are equal in most cases, this is not an error.)

After the customer has chosen one of the options (or none), you might request more detailed information (like the price). This can be done with the AvailabilityDetailsResponse.

AddProAvailabilityRequest / AvailabilityDetailsResponse (Example Request)

```
<TravelMessage VersionID="1.8N">
  <Control Language="NL" Test="ja">
     (..)
    <RequestID>AddProAvailabilityRequest</RequestID>
    <ResponseID>AvailabilityDetailsResponse</ResponseID>
  </Control>
  <TResponse>
    <PackageDetails WaitListCheck="ja">
      <PackageID>1440849912057</PackageID>
      <NumberOfAdults>2</NumberOfAdults>
      <NumberOfChildren>0</NumberOfChildren>
      <NumberOfBabies>0</NumberOfBabies>
      <DepartureDate>2009-12-05</DepartureDate>
      <DeparturePoint>NL</DeparturePoint>
      <Duration DurationType="dagen">7</Duration>
    </PackageDetails>
    <AdditionalProducts>
      <Extras>
        <ExtraID>TIE1100</ExtraID>
        <Description>IIIPInsurance</Description>
      </Extras>
    </AdditionalProducts>
  </TResponse>
</TravelMessage>
```

As you can see, this is a request for more information about TIE1100 (a combined travel and cancellation insurance).

AddProAvailabilityRequest / AvailabilityDetailsResponse (Example Response)

```xml
<?xml version="1.0"?>
<TravelMessage xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"
VersionID="1.8N" xsi:noNamespaceSchemaLocation="..\travmessage_v1.8N.xsd">
  <Control Language="NL" Test="ja">
    (..)
    <RequestID>AddProAvailabilityRequest</RequestID>
    <ResponseID>AvailabilityDetailsResponse</ResponseID>
  </Control>
  <TRequest>
     <SellRequest>
        <PackageDetails WaitListCheck="ja">
           <PackageID>1440849912057</PackageID>
           <NumberOfAdults>2</NumberOfAdults>
           <NumberOfChildren>0</NumberOfChildren>
           <NumberOfBabies>0</NumberOfBabies>
           <DepartureDate>2009-12-05</DepartureDate>
           <DeparturePoint>NL</DeparturePoint>
           <Duration DurationType="dagen">7</Duration>
    </PackageDetails>
    <AdditionalProducts>
      <Extras>
        <ExtraID>TIE1100</ExtraID>
        <RecomPrice Currency="EUR" PricePer="extra">4380</RecomPrice>
        <Description>Aflopende Reis- en Annuleringsverzekering</Description>
        <ExtendedDescription>https://www.triple-
ip.com/Templates/NL/GC_NL.PDF]]][[[https://www.triple-
ip.com/Templates/NL/GC_NL.PDF</ExtendedDescription>
      </Extras>
    </AdditionalProducts>
  </TResponse>
</TravelMessage>
```

In the response you get the price of the Extra (in this case it's the total amount of the insurance which should be added to the holiday price). Besides you get a (short) description and an extended description, with "General conditions URL [SEPERATOR] Product info URL" as value.

Booking an Extra is fairly easy, just put an APAssignment element right after the PaxAssignment->AccoAssignment element in BookRequest.

An example:

```xml
<APAssignment>
  <ExtrasAssignment>
    <ExtraID>TIE1100</ExtraID>
    <Sequence>1</Sequence>
    <From>
      <Date>2009-12-05</Date>
    </From>
```

```
    <To>
      <Date>2009-12-12</Date>
    </To>
    <Quantity>1</Quantity>
  </ExtrasAssignment>
</APAssignment>
```

To complete the booking of an Extra, you should put some payment information in the PaxDetails->Contact->BankAccount element in BookRequest, after the default payment information and should therefore be prefixed with the separator "]]][[[".

This is almost the same as with the Credit Card data, however, now you should use "cc_insurance" instead of "creditcard".

Thus, you wil have the following data:
cc_insurance;[TYPE];[CARD_NUMBER];[EXPIRY_YEAR]-[EXPIRY_MONTH];[CARD_HOLDER_FIRST_NAME];[CARD_HOLDER_LAST_NAME];[CVC_CODE]

Where [TYPE] is "visa" for Visa, "mast" for MasterCard, "amex" for American Express, "solo" for Solo, "swit" for Switch and "bleu" for Carte Bleue.

An example:
```
<BankAccount>creditcard;visa;4111111111111111;2011-
09;John;Doe;321]]][[[cc_insurance;visa;4111111111111111;2011-
09;John;Doe;321</BankAccount>
```

Appendix A :: Messages

ID	Type	Description
1	Error	General system error
101	System	Invalid version
102	System	Invalid message
103	System	Incomplete message
104	System	Not authorised
105	System	No preliminary SellRequest
106	System	No preliminary AssignRequest
107	System	Invalid or expired session
108	System	Required field without content
109	System	Field contains wrong content
1001	Info	Offer doesn't exist
1002	Info	Transport to contains no stock
1003	Info	Transport back contains no stock
1004	Info	Accommodation contains no stock
1005	Info	Type of maintenance contains no stock.
1006	Info	Unit contains no stock.
1007	Info	Class transport to contains no stock.
1008	Info	Class transport back contains no stock.
1009	Info	Accommodation type contains no offer available
1010	Info	Type of maintenance contains no offer available
1011	Info	Unit type contains no offer available
1012	Info	Class transport to contains no offer available
1013	Info	Class transport back contains no offer available
1014	Info	Blocked offer
1015	Info	Telephonic reservation
1016	Info	Online reservation
1017	Info	Amount of rooms prohibited
1018	Info	Disposition persons per room invalid
1019	Info	Person x already assigned
1020	Info	Amount of adults invalid
1021	Info	Amount of children invalid
1022	Info	Amount of babies invalid
1023	Info	Arrival date invalid

1024	Info	Departure date invalid
1025	Info	Date out of season
1026	Info	Time of duration invalid
1027	Info	Combination trip/date/duration prohibited
1028	Info	To many persons for this booking (max=x)
1029	Info	Invalid amount of cars
1030	Info	Requesting availability by telephone
1031	Info	Requesting online availability
1032	Info	Transport to and back contain no stock
1033	Info	Editting prohibited
1034	Info	Editting by telephone
1035	Info	Editting online

Appendix B :: Payment methods

Touroperator	Methods
Bungalow.Net	Bank and Credit Card
Belvilla	Bank, Credit Card and Cash ****
DanCenter	Bank and Credit Card
Gran Alacant	Bank
Happyhome	Bank
Hogenboom	Bank
holiday home	Bank
Inter Chalet	Bank and Credit Card ***
Interhome	Bank and Credit Card *
NOVASOL	Bank
Roompot	Bank
Topic Travel	Bank
TUI Ferienhaus	Bank and Credit Card **
Uphill Travel	Bank
Vacasol	Bank en Credit Card *****

* = Bookings with 10 days or less to the arrival date can only be paid with Credit Card.

** = Bookings with 42 days or less to the arrival date can only be paid with Credit Card.

TUI Wolters charges an additional **€ 10.00** for Bank payments (with an invoice). A provision of **1%** over the rental amount is charged when paying with a Credit Card.

*** = Bank transfer only for German customers

**** = Belvilla offers different payment options to the customer after he receives his final booking confirmation. Initiation of the payment is done on a personal page on the Belvilla website called "My Belvilla". Therefore, payment details don't have to be collected for the BookRequest.

****** = Will be available soon