



## V 2.0 “Holiday Package” Interface [last update 21.03.2007]

|                                                      |           |
|------------------------------------------------------|-----------|
| <b>GENERAL INFORMATION ABOUT THE INTERFACE .....</b> | <b>2</b>  |
| <b>INTRODUCTION .....</b>                            | <b>2</b>  |
| <b>FUNCTION: PACKAGE.GET .....</b>                   | <b>3</b>  |
| <b>FUNCTION: PACKAGESEEK.GET .....</b>               | <b>5</b>  |
| <b>APPENDIX.....</b>                                 | <b>7</b>  |
| <b>FILE STRUCTURES.....</b>                          | <b>7</b>  |
| <b>PACKAGE.XML .....</b>                             | <b>7</b>  |
| <b>PACKAGELIST.XML.....</b>                          | <b>14</b> |
| <b>PACKAGEOUT.XML .....</b>                          | <b>15</b> |
| <b>PACKAGERESPONSE.XML .....</b>                     | <b>17</b> |

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## General information about the Interface

### Introduction

To call a function specified in this document, the indicated parameters have to be send via post to the indicated function call.

The placeholder [URL] has to be replaced with the following URL:

**[<http://XMLAPI/Package/>]**

### About the Xml-Parameters

- Attributes can not contain "<", ">" or "/" values.
- The encoding (referred as [ENC] in the document) of the Xml-Parameters, has to be replaced by the encoding in which the data is send.
- CDATA Elements like titles or descriptions can hold every kind of written data.

## Function: Package.get

This function gives the possibility to request detailed data about one or more packages by specifying one or more package ID's in the parameter {XmlData}. Using the XmlOut parameter, certain data parts of the returned packages can be switched on or off, by default all data is returned. If the xml-file is not well structured the request will be ignored.

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| Function call     | [URL]/ Package.get                                                                             |
| Parameter         | ID = {Data in PackageList.xml format or PackageID}<br>Output = {Data in PackageOut.xml format} |
| Function response | Data in Package.xml format                                                                     |

### Notes

- Master data can not be switched on/off by the use of Output parameter they will always be returned.  
Master data consists of:
  - To define, to define, to define

In this example we are requesting all the detailed data for the package with the ID 'AB7699Ao6506499695A736B47DBBAC36' (/Packages/Package/@ID)

Request Example  
{XmlData}

```
<?xml version="1.0" encoding="UTF-8"?>
<Packages>
  <Package ID="AB7699Ao6506499695A736B47DBBAC36"/>
</ Packages>
```

{XmlOut}

```
<?xml version="1.0" encoding="UTF-8"?>
<Package>
<GetData Settings="1" Description="1" PriceGroups="1" Achievements="1" Participants="1" SeekRoles="1" Topics="1" Image="1"
PriceRange="1" EmailText="1" OwnerDetails="1"/>
</Package>
```

Response Example

Since the State Error (/Packages/State/@ID) is "o" no Error occurred during the retrieving of the package.

```
<?xml version="1.0" encoding="UTF-8"?>
<Packages xmlns:sql="urn:schemas-microsoft-com:xml-sql">
  <Package ID="000D31AoAE5041C3991928D639B1D4CF"
Owner="5228229051CA11D18F1400A02427D15E" Date="2005-03-03" Language="EN">
    <Title><![CDATA[Blütenwochen im Eppanerho]]></Title>
    <Description><![CDATA[Erleben Sie die Eppaner Apfelblüte auf eine etwas andere Weise. Gestalten Sie Ihren
Urlaub völlig autonom in einer Ferienwohnung, und haben trotzdem den Service eines Restaurants/Pizzeria im eigenen
Haus.]]></Description>
    <Topic ID="1B56C61EDF2648F4977A2B899D483D70"><![CDATA[Eating and drinking]]></Topic>
    <Topic ID="7BD29BB84B7E4B2ABE8ED26B6DDD8AD2"><![CDATA[Walking/hiking]]></Topic>
    <Topic ID="FF2DB360F7734D638473F8F4CC05688"><![CDATA[Culture]]></Topic>
    <General Type="1" Status="o" SendNotify="1" Compulsary="o" ConfirmationEmail="o"/>
  </Package>
</Packages>
```

```

<Stay Overnight="7" ArrivalDays="111111" WithoutService="1" BedAndBreakfast="o" HalfBoard="o" FullBoard="o"/>
<Season ID="F3FBE758BD6F41CCAD460BB52A26851E" From="2005-04-03" Until="2005-04-30"
SubscriptionFrom="2005-03-03" SubscriptionUntil="2005-03-06"/>
<PriceGroup ID="508A162032FA4211A409298826B49034" Price="409"><![CDATA[Blüte im
Eppanerhof]]></PriceGroup>
<Achievement ID="63D8CCBD89C5451EAEC8F2CF6D8FC18C" Quantity="2" Unit="1" Type="o"
Price="2.50"><![CDATA[Begrüßungsaperitif]]><Description><![CDATA[Ankommen und das gemütliche Ambiente schon
am ersten Tag genießen. Mit einem Begrüßungstrunk fängt Ihr Urlaub auch schon richtig an.]]></Description>
</Achievement>
<Achievement ID="BE096CF43B36443CBA86D2DE588D2083" Quantity="2" Unit="1" Type="o"
Price="30.00"><![CDATA[Abenddinner mit 4 Gängen]]><Description><![CDATA[Ein Abenddinner mit 4 Gängen für 2 Personen
im Restaurant Eppanerhof. Lassen Sie sich von der Tiroler Küche begeistern.]]></Description>
</Achievement>
<Achievement ID="C21FC96878AE41098F4C92FF79679BD5" Quantity="2" Unit="1" Type="o" Price="5.00">
<![CDATA[Weinparcours in Girlan]]><Description><![CDATA[Geführter Weinspaziergang durch Girlans Weingüter und Kellereien, mit
Weinbergbegehung, Weinverkostung und Marenade. Sie erfahren alles, was Sie schon mal über Wein, Weinanbau und Weinkultur
wissen wollten. Treffpunkt: Großer Parkplatz Girlan (gegenüber De)]></Description>
</Achievement>
<ParticipantsList GroupID="5228229051CA11D18F1400A02427D15E"
HierarchyID="F925379136B7489DAF47B8EFED74847A"/>
<Participant ID="FED06DB2AD0111D1A72100608C71A90F" NotifyState="o"><![CDATA[Residence
Eppanerhof]]><Season State="3" ID="F3FBE758BD6F41CCAD460BB52A26851E" Price="0.00"/>
<Contact Phone="0471 662156" Fax="0471 660333" EMail="info@eppanerhof.com"/>
<City Zip="39057" NationID="IT"><![CDATA[St. Michael-Eppan]]></City>
<Address><![CDATA[.G.-Plazer-Straße 50]]></Address>

<Image><![CDATA[http://data.tourist.info/DocSite/ImageRender.aspx?ID=42ee2139567d4dd39306b73d71ca1f11]]></Image>
</Participant>
<Image>
<![CDATA[http://www.suedtirol.info/ImageServer/Images/Packages/41AooFCA9FAA49619B9A17E9EEAC1F33/Kultur1.jpg]]></Image>
<Owner><![CDATA[Eppan]]><Contact Phone="0471 662206" Fax="0471 663546" EMail="info@eppan.net"/>
<Street><![CDATA[Rathausplatz 1]]></Street>
<City Zip="39057"><![CDATA[Eppan]]></City>
<Nation ID="IT"><![CDATA[Italy]]></Nation>
</Owner>
</Package>
<State Error="o">OK</State>
</Packages>

```

## Function: PackageSeek.get

This function gives the possibility to seek for one or more restaurants. If the xml-file is not well structured the request will be ignored.

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Function call     | [URL]/ PackageSeek.get                                                                   |
| Parameter         | XmlData = {Data in PackageSearch.xml format}<br>Output = {Data in PackageOut.xml format} |
| Function response | Data in PackageResponse.xml format                                                       |

### Notes

- The Parameters specified in the XmlData Parameter will be returned
- The Output parameter decides the level of detail of the returned records see Package.get

### Example

In this example we are searching for the packages in Völs (PackageSeek/Parameters/GroupID/@Value = 'TV310') with the Topic "Eat and Drink" (PackageSeek/Parameters/Topic/@Value='D559E85Co24946D483E87685A47C486D')

Request Example

{XmlData}

```
<?xml version="1.0" encoding="UTF-8"?>
<PackageSeek>
  <Parameters>
    <GroupID Value="TV310"/>
    <Topic Value="D559E85Co24946D483E87685A47C486D"/>
  </Parameters>
</PackageSeek>
```

{XmlOut}

```
<?xml version="1.0" encoding="UTF-8"?>
<Package>
  <GetData Settings="1" Description="1" PriceGroups="1" Achievements="1" Participants="1" SeekRoles="1" Topics="1" Image="1" PriceRange="1" EmailText="1" OwnerDetails="1"/>
</Package>
```

Response Example

Since the State Error(/Package/State/@Error) is "o" no Error occurred during the setting of the restaurant. The ID assigned to the new package(/Package/@ID) is returned.

```
<?xml version="1.0" encoding="UTF-8"?>
<PackageSeek>
  <State Error="o"><![CDATA[No Error]]></State>
  <Parameters>
    <Language Value="DE"/>
    <GroupID Value="TV40"/>
    <HierarchyID Value="SInfo"/>
  </Parameters>
</PackageSeek>
```

```

    <Period From="2005-01-01" Until="2008-01-01" MaxDays="7"/>
  </Parameters>
  <Results>
    <Package ID=" AB7699Ao6506499695A736B47DBBAC36" Owner="1B7699Ao6506499695A736B47DBBAC36"
Date="2006-12-12" Language="DE">
      <!--Package Title and description-->
      <Title><![CDATA[Mein Paket]]></Title>
      <Description><![CDATA[Erleben Sie Südtirol in seiner vollen Pracht...]]></Description>

      <!--Package Settings-->
      <General Type="1" State="1" SendNotify="0" Compulsary="0" ConfirmationEmail="0"/>
      <Stay Overnight="7" ArrivalDays="0001000" WithoutService="1" BedAndBreakfast="1" HalfBoard="0"
FullBoard="0"/>
      <Season ID="127699Ao6506499695A736B47DBBAC36" From="2006-12-12" Until="2007-12-12"
SubscriptionFrom="2006-12-12" SubscriptionUntil="2007-12-12"/>

      .....
    </Package>
    .....
  </Results>
</PackageSeek>

```

## Appendix

### File structures

#### Package.xml

```
<?xml version="1.0" encoding="[ENC]"?>
<Packages>
  {<State Error="o"><![CDATA[No Error]]></State>}
  <Package ID="" Owner="" Date="" Language="">
    <!--Package Title and description-->
    <Title><![CDATA[]]></Title>
    <Description><![CDATA[]]></Description>
    <!--Package Settings-->
    <General Type="" State="" SendNotify="" Compulsary="" ConfirmationEmail=""/>
    <Stay Overnight="" ArrivalDays="" WithoutService="" BedAndBreakfast="" HalfBoard="" FullBoard=""/>
    <Season ID="" From="" Until="" SubscriptionFrom="" SubscriptionUntil=""/>

    <!--Pricegroup-->
    <PriceGroup ID="" Price="">
      <![CDATA[]]>
    </PriceGroup>

    <!--READ ONLY-->
    <Topic ID=""><![CDATA[]]></Topic>

    <!--Achievements informations-->
    <Achievement ID="" Quantity="" Unit="" Price="">
      <![CDATA[]]>
      <Description><![CDATA[]]></Description>
      <Topic ID=""><![CDATA[]]></Topic>
    </Achievement>

    <!--Participants-->
    <Participant ID="" State="">
      <Contact Phone="" Fax="" Mobile="" EMail="" />
      <City ZIP="" NationID=""><![CDATA[]]></City>
      <Street><![CDATA[]]></Street>
      <Web><![CDATA[]]></Web>

      <Room ID="" Type="" Code="" MinRoomAllocation="" MaxRoomAllocation=""><![CDATA[]]></Room>
      <Season ID="" Price="" RoomID="" Board="" Persons=""/>
      <Foto><![CDATA[]]></Foto>
      <!--READ ONLY-->
      <Category ID=""><![CDATA[]]></Category>
    </Participant>

    <!--EMailText-->
    <EmailText Language=""><![CDATA[]]></EmailText>

    <!--OwnerDetails-->
    <Owner>
```

```

<![CDATA[]]>
<Contact Phone="" Email="" />
<Street><![CDATA[]]></Street>
<Nation ID=""><![CDATA[]]></Nation>
<City Zip=""><![CDATA[]]></City>
</Owner>

<!--Keyword-->
< Keyword ID=""><![CDATA[]]></ Keyword >

<!-- ParticipantsList -->
<ParticipantsList GroupID="" HierarchyID="" />

<!--SeekRole-->
<SeekRole>
    <Role ID="" Top="" />
</SeekRole>

<!--Image-->
<Foto><![CDATA[]]></Foto>
</Package>
</Packages>

```

#### Description

| Tag      | Attribute | Description                                                                                                                                           |
|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packages |           | Root tag                                                                                                                                              |
| {State}  |           | State of the data entry. This tag occurs only when the XML is a response of the GetPackage function.                                                  |
|          | @Error    | ID returned of the data entry procedure. Possible values:<br>o->no error<br>Xx -> Error in ...<br>Default Value: [not optional]<br>Data Type: integer |
|          | [CDATA]   | Description of the State Error in English.<br>Default Value: [non optional]<br>Data Type: String(80)                                                  |
| Package  |           | Package Definition. This tag is not optional, it must occur once or more times.                                                                       |
|          | @ID       | ID of the package.<br>Default Value: [not optional]<br>Data Type: String(32)                                                                          |
|          | @Owner    | ID of the owner of the package.<br>Default Value: [not optional]<br>Data Type: String(32)                                                             |
|          | @Date     | Creation Date of the package.<br>Default Value: [not optional]<br>Data Type: date(YYYY-MM-DD)                                                         |
|          | @Language | Language of the package<br>Default Value: [not optional]<br>Data Type: String(3)                                                                      |
|          | [CDATA]   | Title of the package.                                                                                                                                 |



|                    |                    |                                                                                                                                                                                                                                                                      |
|--------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                    | Default Value: [non optional]<br>Data Type: String(50)                                                                                                                                                                                                               |
| <b>Description</b> |                    | Package Description                                                                                                                                                                                                                                                  |
|                    | [CDATA]            | Description of the package.<br>Default Value: [non optional]<br>Data Type: String(800)                                                                                                                                                                               |
| <b>General</b>     |                    | General Settings.                                                                                                                                                                                                                                                    |
|                    | @Type              | Indicates the type of the package. Valid values are:xxx<br>Default Value: [not optional]<br>Data Type: Smallint                                                                                                                                                      |
|                    | @State             | Indicates the state of the package. Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                                                                                     |
|                    | @SendNotify        | Indicates if a notification should be send by email to the lodgments invited to the package.<br>Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                         |
|                    | @Compulsary        | Indicates if the package is compulsory or not.<br>Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                                                                       |
|                    | @ConfirmationEmail | Indicates if a confirmation email has to be send to the package owner.<br>Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                                               |
| <b>Stay</b>        |                    | Stay settings.                                                                                                                                                                                                                                                       |
|                    | @Overnight         | Indicates the stay in nights.<br>Default Value: [not optional]<br>Data Type: smallint                                                                                                                                                                                |
|                    | @ArrivalDays       | Indicate the possible arrival days. The value consists of 7 bits (0000000) each correspond to one day from Monday to Sunday. The corresponding value indicates if the arrival day is valid (1) or invalid (0).<br>Default Value: [not optional]<br>Data Type: bit(7) |
|                    | @WithoutService    | Indicates if the boarding type Withoutservice is possible for this package.<br>Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                                          |
|                    | @BedAndBreakfast   | Indicates if the boarding type BedAndBreakfast is possible for this package.<br>Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                                         |
|                    | @HalfBoard         | Indicates if the boarding type HalfBoard is possible for this package.<br>Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                                               |
|                    | @FullBoard         | Indicates if the boarding type FullBoard is possible for this package.<br>Valid values are o(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                                                                               |
| <b>Season</b>      |                    | Season for the package.                                                                                                                                                                                                                                              |

|                    |                    |                                                                                                                                           |
|--------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| ID                 |                    | ID of the Season. Has to be set to "NEW" when the element is newly created.<br>Default Value:[non optional]<br>Data Type: String(32)      |
|                    | @From              | Starting date of the season.<br>Default Value: [not optional]<br>Data Type: date(YYYY-MM-DD)                                              |
|                    | @Until             | Ending date of the season.<br>Default Value: [not optional]<br>Data Type: date(YYYY-MM-DD)                                                |
|                    | @SubscriptionFrom  | Starting date of the subscription period.<br>Default Value: [not optional]<br>Data Type: date(YYYY-MM-DD)                                 |
|                    | @SubscriptionUntil | Ending date of the subscription period.<br>Default Value: [not optional]<br>Data Type: date(YYYY-MM-DD)                                   |
| <b>PriceGroup</b>  |                    | Pricegroup of the package.                                                                                                                |
|                    | @ID                | ID of the pricegroup. Has to be set to "NEW" when the element is newly created.<br>Default Value:[non optional]<br>Data Type: String(32)  |
|                    | @Price             | Price for the pricegroup.<br>Default Value:[non optional]<br>Data Type: money                                                             |
|                    | [CDATA]            | Name of the price group.<br>Default Value: [non optional]<br>Data Type: String(80)                                                        |
| <b>Topic</b>       |                    | Packag topics. This tags are read only. The present the Topics present in the Achievements.                                               |
|                    | @ID                | ID of the Topic.<br>Default Value:[non optional]<br>Data Type: String(32)                                                                 |
|                    | [CDATA]            | Description of the topic.<br>Default Value: [non optional]<br>Data Type: String(80)                                                       |
| <b>Achievement</b> |                    | Package achievement.                                                                                                                      |
|                    | @ID                | ID of the achievement. Has to be set to "NEW" when the element is newly created.<br>Default Value:[non optional]<br>Data Type: String(32) |
|                    | @Quantity          | Quantity of achievements included in this package.<br>Default Value: [not optional]<br>Data Type: smallint                                |
|                    | @Unit              | Unit of the Achievement. TODO<br>Default Value: [not optional]<br>Data Type: smallint                                                     |
|                    | @Price             | Price of 1 Unit of achievement.<br>Default Value: [not optional]<br>Data Type: money                                                      |
|                    | [CDATA]            | Title of the achievement.<br>Default Value: [non optional]<br>Data Type: String(100)                                                      |
| <b>Description</b> |                    | Description of the achievement.                                                                                                           |
|                    | [CDATA]            | Description of the achievement.<br>Default Value: [non optional]                                                                          |

|                    |              |                                                                                                                                                                                   |
|--------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |              | Data Type: String(350)                                                                                                                                                            |
| <b>Topic</b>       |              | Achievement topics.                                                                                                                                                               |
|                    | @ID          | ID of the Topic.<br>Default Value:[non optional]<br>Data Type: String(32)                                                                                                         |
|                    | [CDATA]      | Description of the topic.<br>Default Value: [non optional]<br>Data Type: String(80)                                                                                               |
| <b>Participant</b> |              | Participant information.                                                                                                                                                          |
|                    | @ID          | ID of the Participant.<br>Default Value:[non optional]<br>Data Type: String(32)                                                                                                   |
|                    | @State       | Indicates the state of the participant. Valid values are 0(false) and 1(true)<br>Default Value: [not optional]<br>Data Type: Boolean                                              |
| <b>Contact</b>     |              | Participant contact information. This tag is not optional, it must occur once.                                                                                                    |
|                    | @Phone       | Phone number of the participant.<br>Default Value: [not optional]<br>Data Type: String(30)                                                                                        |
|                    | @Fax         | Fax number of the participant.<br>Default Value: [not optional]<br>Data Type: String(30)                                                                                          |
|                    | @Email       | Email address of the participant.<br>Default Value: [not optional]<br>Data Type: String(80)                                                                                       |
| <b>City</b>        |              | Participant City.                                                                                                                                                                 |
|                    | @CommunityID | Location ID of the community in which the participant is located. LocationID's can be retrieved from the location list.<br>Default Value: [not optional]<br>Data Type: String(10) |
|                    | @ZIP         | Zip code of the city/town.<br>Default Value: [not optional]<br>Data Type: String(9)                                                                                               |
|                    | @ NationID   | Nation ID of nation in which the restaurant is located. NationID's can be retrieved from the nation list.<br>Default Value: [not optional]<br>Data Type: String(10)               |
|                    | [CDATA]      | Name of the community/fraction. <i>Can not be modified trough SetPackage.</i><br>Default Value: [non optional]<br>Data Type: String(200)                                          |
| <b>Street</b>      |              | Street of the participant.                                                                                                                                                        |
|                    | [CDATA]      | Name of the street in which the participant is located.<br>Default Value: [non optional]<br>Data Type: String(80)                                                                 |
| <b>Web</b>         |              | Web address of the participant.                                                                                                                                                   |
|                    | [CDATA]      | URL of the participant.<br>Default Value: [non optional]<br>Data Type: String(255)                                                                                                |
| <b>Image</b>       |              | Main image of the participant.                                                                                                                                                    |
|                    | [CDATA]      | URL to the main image of the participant.<br>Default Value: [non optional]                                                                                                        |

|                  |           |                                                                                                                                                 |
|------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |           | Data Type: String(255)                                                                                                                          |
| <b>Season</b>    |           | Season on which the participant participates.                                                                                                   |
|                  | @ID       | ID of the Season.<br>Default Value:[non optional]<br>Data Type: String(32)                                                                      |
|                  | @Price    | Price of the package in this season by this participant.<br>Default Value: [not optional]<br>Data Type: money                                   |
|                  | @RoomID   | ID of the Room<br>Default Value:[non optional]<br>Data Type: String(32)                                                                         |
|                  | @Board    | Board which is provided in this season. Must be one of the boards allowed in the Stay tag. Default Value: [not optional]<br>Data Type: smallint |
|                  | @Persons  | Indicates for how many persons the price is valid.<br>Default Value: [not optional]<br>Data Type: smallint                                      |
| <b>EmailText</b> |           | Personal EmailText for Package invitations. This tag is present /can be used only if the package owner is a TV or VB                            |
|                  | @Language | Language of the package<br>Default Value: [not optional]<br>Data Type: String(3)                                                                |
|                  | [CDATA]   | Personalized E-Mail Text<br>Default Value: [not optional]<br>Data Type: String(500)                                                             |
| <b>Owner</b>     |           | Owner Information                                                                                                                               |
|                  | [CDATA]   | Owner Name                                                                                                                                      |
| <b>Contact</b>   |           | Owner contact information. This tag is not optional, it must occur once.                                                                        |
|                  | @Phone    | Phone number of the participant.<br>Default Value: [not optional]<br>Data Type: String(30)                                                      |
|                  | @Fax      | Fax number of the participant.<br>Default Value: [not optional]<br>Data Type: String(30)                                                        |
|                  | @Email    | Email address of the participant.<br>Default Value: [not optional]<br>Data Type: String(80)                                                     |
| <b>City</b>      |           | Participant City.                                                                                                                               |
|                  | @ZIP      | Zip code of the city/town.<br>Default Value: [not optional]<br>Data Type: String(9)                                                             |
|                  | [CDATA]   | Name of the community/fraction. <i>Can not be modified trough SetPackage.</i><br>Default Value: [non optional]<br>Data Type: String(200)        |
| <b>Street</b>    |           | Street of the participant.                                                                                                                      |
|                  | [CDATA]   | Name of the street in which the participant is located.<br>Default Value: [non optional]<br>Data Type: String(80)                               |
| <b>KeyWord</b>   |           | Keyword tag                                                                                                                                     |
|                  | ID        | ID of the Keyword<br>Default Value:[non optional]                                                                                               |

|                         |             |                                                                                                                     |
|-------------------------|-------------|---------------------------------------------------------------------------------------------------------------------|
|                         |             | Data Type: String(32)                                                                                               |
|                         | [CDATA]     | Keywordtext<br>Default Value:[non optional]<br>Data Type: String(50)                                                |
| <b>ParticipantsList</b> |             | Participant list to use for this Package. This tag is present /can be used only if the package owner is a TV or VB. |
|                         | GroupID     | Group ID<br>Default Value:[non optional]<br>Data Type: String(32)                                                   |
|                         | HierarchyID | Hierarchy ID<br>Default Value:[non optional]<br>Data Type: String(32)                                               |
| <b>Image</b>            |             | Main image of the package.                                                                                          |
|                         | [CDATA]     | URL to the main image of the package.<br>Default Value: [non optional]<br>Data Type: String(255)                    |

```
<?xml version="1.0" encoding="UTF-8"?>
<Packages>
  <Package ID="AB7699Ao6506499695A736B47DBBAC36"/>
</ Packages>
```



### PackageList.xml

| Tag      | Attribute | Description                                                                |
|----------|-----------|----------------------------------------------------------------------------|
| Packages |           | Root tag                                                                   |
| Package  |           | Package tag. This tag occurs one or more times.                            |
|          | @ID       | ID of the Package<br>Default Value:[non optional]<br>Data Type: String(32) |

```
<?xml version="1.0" encoding="UTF-8"?>
<Packages>
  <GetData Settings="" Participants="" PriceGroups="" Topics="" Achievements="" SeekRoles="" Description=""
PriceGroups="" OwnerDetails="" Image="" EmailText="" PriceRange="" />
</ Packages>
```

## PackageOut.xml

| Tag      | Attribute     | Description                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Packages |               | Root tag                                                                                                                                          |
| GetData  |               | GetData tag. This tag must occur once.                                                                                                            |
|          | @Settings     | This attribute determines if settings are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)          |
|          | @Participants | This attribute determines if participants are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)      |
|          | @Topics       | This attribute determines if topics are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)            |
|          | @Achievements | This attribute determines if achievements are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)      |
|          | @SeekRoles    | This attribute determines if seek roles are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)        |
|          | @Description  | This attribute determines if description is displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)        |
|          | @PriceGroups  | This attribute determines if price groups are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)      |
|          | @OwnerDetails | This attribute determines if owner details are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)     |
|          | @Image        | This attribute determines if images are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)            |
|          | @EmailText    | This attribute determines if email text images are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1) |
|          | @PriceRange   | This attribute determines if price ranges are displayed or not.<br>Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1)      |
|          | @KeyWords     | This attribute determines if keywords are displayed or not.                                                                                       |



|  |  |                                                                           |
|--|--|---------------------------------------------------------------------------|
|  |  | Possible values are 0->no, 1->yes<br>Default Value:0<br>Data Type: Bit(1) |
|--|--|---------------------------------------------------------------------------|



## PackageResponse.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<Packages>
  {<State Error="o"><![CDATA[No Error]]></State>}
  <Package ID="" Owner="" Language=""/>
</ Packages>
```

| Tag      | Attribute | Description                                                                                                                                           |
|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packages |           | Root tag                                                                                                                                              |
| {State}  |           | State of the data entry. This tag occurs only when the XML is a response of the GetPackage function.                                                  |
|          | @Error    | ID returned of the data entry procedure. Possible values:<br>o->no error<br>Xx -> Error in ...<br>Default Value: [not optional]<br>Data Type: integer |
|          | [CDATA]   | Description of the State Error in English.<br>Default Value: [non optional]<br>Data Type: String(80)                                                  |
| Package  |           | Package tag. This tag is not optional, it must occur once or more times.                                                                              |
|          | @ID       | ID of the package.<br>Default Value: [not optional]<br>Data Type: String(32)                                                                          |
|          | @Owner    | ID of the owner of the package.<br>Default Value: [not optional]<br>Data Type: String(32)                                                             |
|          | @Date     | Creation Date of the package.<br>Default Value: [not optional]<br>Data Type: date(YYYY-MM-DD)                                                         |
|          | @Language | Language of the package<br>Default Value: [not optional]<br>Data Type: String(3)                                                                      |

## PackageSeek.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<PackageSeek>
  <Parameters>
    <Owner Value=""/>
    <Language Value=""/>
    <GroupID Value=""/>
    <HierarchyID Value=""/>
    <Period From="" Until="" MaxDays=""/>
    <Topic Value=""/>
  </Parameters>
</ PackageSeek>
```

| Tag         | Attribute | Description                                                                                                                        |
|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|
| Packages    |           | Root tag                                                                                                                           |
| Parameters  |           | Parameters tag. Contains all the parameters. Parameters will be present in the response of the call.                               |
| Owner       |           | Owner tag. This tag is optional, it can occur once.                                                                                |
|             | @Value    | Determines the owner for which packages have to be searched.<br>Default Value: [non optional]<br>Data Type: String(32)             |
| Language    |           | Language tag. This tag is optional, it can occur once.                                                                             |
|             | @Value    | Determines in which language the resulting packages should be.<br>Default Value: [non optional]<br>Data Type: String(32)           |
| GroupID     |           | GroupID tag. This tag is optional, it can occur once.                                                                              |
|             | @Value    | Determines the GroupID in which the package has to be located.<br>Default Value: [non optional]<br>Data Type: String(32)           |
| HierarchyID |           | HierarchyID tag. This tag is optional, it can occur once.                                                                          |
|             | @Value    | Determines which Hierarchy ID has to be used for the GroupID.<br>Default Value: 'Sinfo'<br>Data Type: String(32)                   |
| Topic       |           | Topic tag. This tag is optional, it can occur once or more times.                                                                  |
|             | @Value    | Determines the Topic ID's which have to be present into the resulting packages.<br>Default Value: 'Sinfo'<br>Data Type: String(32) |
| Period      |           | Period tag. This tag is optional, it can occur once.                                                                               |
|             | @From     | Determines the period From value.<br>Default Value: [not optional]<br>Data Type: String(32)                                        |
|             | @Until    | Determines the period Until value.<br>Default Value: [not optional]<br>Data Type: String(32)                                       |
|             | @MaxDays  | Determines the max days for the stay of the searched package.<br>Default Value: [not optional]<br>Data Type: date(YYYY-MM-DD)      |