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## Generality

This documentation describes the interface put at disposal of Tourist Organizations.

Only Tourist Organizations can use it for the realization of services according to the agreement between LTS / Sinfonet and Tourist Organizations.

## **Search for free rooms / hotellist**

The search parameters must be transmitted to the server in XML format. The URL of the search engine service's is <http://tourist.bz.it/data/CDBData.asmx>

### **Please Note:**

To use the hotellist, it's sufficient, not to deliver the Nodes "Stay" and "Room".

## Selection Organization

The search engine takes into consideration only the accommodation which is member of the specified organization. The Tag Group must appear only once in the configuration parameters.

Tag	Attribute	
Group		
	Value	Contains the ID of the requested organization In order to select more than one organization, separate the ID of each organization with “;” Also the wildchar “*” and “?” are allowed to specify the ID
	Filter	Contains the number of the requested ASTAT-Fraktionen Possible inputs: {ID S7RID} In order to select more than one organization, separate the number of each organization with “;”

Example:

- Select the accommodation of one organization  
<Group Value=”TV100” Filter=”103854” />
- Select the accommodation of different organizations  
<Group Value=”TV100;TV200;TV300” Filter=”103854;103855” />
- Select the accommodation of one organization  
<Group Value=”TV1\*;TV2\*” Filter=”103854;103855” />

A complete list of the ID of the organizations is in the appendix

**Attentino:** Attribute “Filter” has beta-state

## Selection Hierarchy Sheet

This parameter selects the hierarchical order of the groups. Each group can appear in different hierarchical sheets with different children. Also selecting the same group in different hierarchical sheets can any time supply a different results .

Tag	Attribute	
HierarchyID		
	Value	Contains the ID of the requested Hierarchy Wildchar "*" and "?" are not allowed to specify the ID

Example:

- Select the default Hierarchy sheet of the seekengine "S.Info"  
< HierarchyID Value="S.Info" />

## Filter name of the accommodation

The search engine takes into consideration only the accommodation which contains in its name the passed string.

The Tag Hotelname must appear only once in the configuration parameters

Tag	Attribute	
HotelName		
	Value	<p>Searched name</p> <p>Wildchar are not allowed</p> <p>If more than one string is passed so separate them with a space bar, the name must contain all the strings</p>
	Language	<p>ID of the language for which the name must contain the parameter/s passed. The predefined language is DE</p> <p>DE German</p> <p>IT Italian</p> <p>EN English</p> <p>FR France</p> <p>EN Dutch</p>

Example:

- Select the accommodations which contain 'Hotel' in their Italian Name  
<HotelName Value="Hotel" Language="IT" />
- Select the accommodations which contain 'Luna' and 'Hotel' in their Italian Name  
<HotelName Value="Luna Hotel" Language="IT" />

## Select comfort of the accommodation

You can set the comfort which an accommodation must have at disposal in order to be taken into consideration by the search engine. The Tag "HotelComfort" can be listed more than one time.

Tag	Attribute	
HotelComfort		
	Value	Contains the ID of the accommodation's comfort Separating each ID with ";" and "OR" selection is created Listing the Tag "HotelComfort" more than one time an "AND" selection is created

Example:

- Filter the 3 stars accommodations  
<HotelComfort Value=" A.001.004.000.000;" />
- Filter the 3 or 4 stars accommodations  
<HotelComfort Value=" A.001.004.000.000; A.001.003.000.000;" />
- Filter the 3 or 4 stars accommodations and sauna or solarium  
<HotelComfort Value=" A.001.004.000.000; A.001.003.000.000;" />  
<HotelComfort Value=" A.012.020.015.000;A.012.020.020.000;" />

A complete list of the ID of the accommodation's comfort is in the [appendix](#)

## Selection comfort of the room

You can set the comfort of room/apartment which an accommodation must have at disposal in order to be taken into consideration by the search engine. The Tag "RoomComfort" can be listed more than one time.

Tag	Attribute	
HotelComfort		
	Value	<p>Contains the ID of the requested comfort of the room/apartment</p> <p>Separating each ID with ";" and "OR" selection is created</p> <p>Listing the Tag "RoomComfort" more than one time an "AND" selection is created</p>

Example:

- Filter rooms/apartments which have TV  
`<RoomComfort Value="C.004.005.010.000;" />`
- Filter rooms/ apartments which have TV or telephone  
`<RoomComfort Value="C.004.005.010.000;C.004.005.015.000" />`
- Filter rooms/ apartments which have TV or telephone and minibar  
`<RoomComfort Value="C.004.005.010.000;C.004.005.015.000" />`  
`<RoomComfort Value="C.004.025.005.000" />`

A complete list of the ID of the comfort of the room/apartment is in the [appendix](#)

## Selection accommodation on the basis of sea level

You can set the sea level on which an accommodation can be taken into consideration by the search engine. The Tag "SeaLevel" must appear only once in the parameterization.

Tag	Attribute	
SeaLevel		
	Min	Minimum sea level
	Max	Maximum sea level

Example:

- Filter accommodations which are situated between 500 and 1500 meters  
< SeaLevel Min="500" Max="1500" />
- Filter accommodations which are situated between 500 and 1500 meters  
< SeaLevel Min="500" Max="1500" />
- Filter accommodations which are situated under 1000 meters  
< SeaLevel Min="0" Max="1000" />

## Specify stay

You can set the duration of the required stay. The search engine will take into consideration only the accommodation which gives availability during the period of time selected.

Tag	Attribute	
Stay		
	CheckIn	Day of arrival in format yyyy/mm/dd
	Days	Overnights
	Board	Board required 1 Only overnight 2 Bed & Breakfast 3 Half board 4 Full board 5 All inclusive
	Bookable	You want to list rooms which are only online bookable 0 no 1 yes

Example:

- Filter accommodations which have free rooms for 7 nights, from the 27<sup>th</sup> of December in Half Board  
<Stay CheckIn="2003/12/27" Days="7" Board="3" Bookable="0" />
- Filter accommodations which have free rooms for 3 nights, from the 5<sup>th</sup> of December in Full Board, bookable online  
<Stay CheckIn="2003/12/05" Days="3" Board="4" Bookable="1" />

## Specify the accommodation

You can set the accommodation required. The search engine will take into consideration the accommodations which can give board.

Tag	Attribute	
Room		
	Qty	Number of rooms required
	Persons	Number of persons in the room
	Type	Type of room required 1 room 2 apartment

Example:

- Filter accommodations which have a room for 3 persons  
<Room Qty="1" Persons="3" Type="1" />
- Filter accommodations which have a room for 2 persons and 2 rooms for 4 persons  
<Room Qty="1" Persons="2" Type="1" />  
<Room Qty="2" Persons="4" Type="1" />

## Specify the type of product

It is possible to search for standard products only (no offers). In this case the search engine considers only products which are marked as “standard product”.

Tag	Attribute	
OfferMode		
	Value	1 = only standard products 2 = all products

Example:

- Filter products which are marked as “standard product”  
<OfferMode Value=”1” />

## Example for a search for

- accommodations with 3 or 4 stars
- with a garage
- Indoor pool
- TV and telephon in the room
- availability from the 27<sup>th</sup> of December to the 3<sup>rd</sup> of January, 2 rooms for 2 persons in Full Board

The parameterization is as follows

<Parameters>

<HotelComfort Value="A.001.004.000.000; A.001.003.000.000;" />

<HotelComfort Value="A.009.040.000.000" />

<HotelComfort Value="A.012.020.010.000" />

<RoomComfort Value="B.005.005.010.000" />

<RoomComfort Value="B.005.005.015.000" />

<Stay CheckIn="2003/12/27" Days="7" Board="4" Bookable="0"/>

<Room Qty="2" Persons="2" Type="1" />

<Group Value=". . ." /> (the value received form LTS)

<HierarchyID Value="S.Info"/> (always "S.Info")

<Site Value=". . ." /> (the value received form LTS)

## Annotation

If no data present or no answer from database available, following message is issued:

<SeekResults> Presently no data are available </SeekResults>