eXternal Services (XS) API

Affiliate Developer Documentation

Documentation version 1.2.130

Change Log

Version	Description
1.2.127	Added taxinfo field to properties in property availability search
1.2.125	Added refundable field to room types in property availability search
1.2.0	Documentation created.

Table of Contents

Overview

The Hostelworld.com eXternal Services (XS) Application Programming Interface (API) the interface to connect a partner to Hostelworld.com Booking System. XS API will allow partners to check availability in selected properties, making bookings and retrieve other information. By passing variables such as search criteria to the API, partner can link directly into the booking process, bypassing the need to use a customised booking engine. Results from queries are returned as formatted XML or JSON, which can be easily processed by the partner before the information is shown to their users.

Authentication

XS API will have security authentication based on a KEY and SECRET code available only for Hostelworld.com and Partner. Such KEY and SECRET will then be encrypted and send securely between Partner and Hostelworld.com over the secure SSL connection. All connections to API will also be validated to check the originator IP address for even greater security.
Such implementation of Partner authentication will ensure a much stronger security of the API.

Parameters

Attribute	Description	Type
consumer_key	The partner API KEY provided by Hostelworld.com	String
consumer_signature	The partner's signature calculated from API SECRET provided by Hostelworld.com.	String

Example

```
[api_url]?consumer_key=test&consumer_signature=627224a3a33debb520cd0f8525a7de3e6cc03033
```

Signature is calculated as follows:

```
#PHP
$consumer_key = 'test';
$secret = 'dhS21.42134F';
$consumer_signature = sha1($consumer_key.'--'.$secret); //627224a3a33debb520cd0f8525a7de3e6cc03033

#Python
import hashlib
consumer_key='test'
secret='bar'
consumer_signature = hashlib.sha1().hexdigest(consumer_key+'--'+secret)
```

Failed Authentication

All XS API calls require sufficient authorization with consumer key and signature. In case of failed authentication response will contain HTTP Status Code: 401 Authorization Required

Example Error Response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
    <api status="Error" callsremaining="0" version="1.2.55.1"/>
    <errors>
        <error code="523">Consumer for key 'test' not found.</error>
    </errors>
</response>
```

Service URL

The service URL will be used to connect to the API and perform requests. All API requests will be carried out over the secure SSL connection. The base format of the API Service URL is described below:

https://[*server*]/[*version*]/[*request_code*].[*format*]?consumer_key=[*consumer_key*]&consumer_signature=[*consumer_signature*]&[*parameters*]

[*server*] –The server on which the API will be available. Production server: **affiliate.xsapi.webresint.com**

[*version*] – version of the API that will be used to process the request. Version will contain a Major Version (first digit) and Minor Version (second digit) i.e. '1.0' , '1.1', … '2.0', '2.1', … , '2.23', '2.24' etc…

[*request_code*] – type of the request that will be sent to the API (See 'Requests' section for details)

[*format*] – 'xml' or 'json'

[*consumer_key*] – Will be assigned by Web Res on account creation

[*consumer_signature*] – Will be assigned by Web Res on account creation

[*parameters*] – any additional parameters required to process the call (See 'Requests' section for details)

NOTE: All above parameters are required to create a valid API Service URL.

> *Example*
> https://affiliate.xsapi.webresint.com/1.1/citycountrylist.xml?consumer_key=test&consumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776

Booking process overview

Below is a list of calls required to complete the booking process using the XSAPI service:

1. **Property Location Search** or **PropertyAvailabilityRequest**
   A selected city is searched for available properties on given dates. Optionally a list of PropertyID's can be provided instead of city.

2. **Property Information Request**
   when the user has selected a property from the list returned in previous call, a property information request retrieves further information on the selected property.
   NOTE: Please refer to '**Cache – Property Information**' section below for implementation guidelines.

3. **Property Booking Information Request**
   a property booking information request retrieves information about availability for the chosen property.

4. **Property Booking Request**
   this request temporary reserves availability for a provided number of guests, room types and dates.
   NOTE: Please refer to '**Temporary reserved rooms**' section below for implementation guidelines.

5. **Checkout Page Redirect**
   Using provided session id ("BSID") generate a link to checkout page using **PropertyLinks** call.

Temporary reserved rooms

Property Booking Request call creates a temporary reservation in that property for the next 30 Minutes and returns the "**BSID**" (Booking Session ID) which is a unique identifier of an API's Temporary Reservation. It will have different value each time you make a "PropertyBookingRequest" call.

Temporary reserved rooms are not available for any other customer than the one identified by "BSID" associated with that temporary reservation.

It is important that you store the temporary "BSID" value in your application for each customer (e.g. in Session/Cookie/Mem Cache/ etc…) and always send it back as additional "BSID" parameter to any subsequent "**PropertyBookingInformation**" and "**PropertyBookingRequest**" calls.

When "BSID" parameter is passed in to one of those two calls it will clear any temporary bookings made by that customer and free unwanted availability for this and other customers. It can be passed together with any other parameters and there is no need to make additional requests to those calls with just one (BSID) parameter. In fact such API calls will fail parameters validation and will not have any effect on the temporary reservation.

Failure to adhere to above rules will result in blocking availability in temporary bookings that no customer can access and will have to wait up to 30 minutes for that availability to clear itself!

The BSID is also a required parameter to generate checkout page redirect link in "**PropertyLinks**" call.

Seasonal nights rules

Each property in Hostelworld DB can choose min/max nights of allowed stay for their guests for any day of the year. This is called a 'Seasonal Nights Rules' and the validations for this are done in several XSAPI calls. XSAPI will provide warning messages should the selected dates fail the validation. This messages will be returned in the language specified in the request to the XSAPI and should be presented directly to the end user preferably in a highly visible place.

1. In **PropertyLocationSearch** and **PropertyAvailabilitySearch** the validation is done for each property:

   a. The dates selected by user are validated against min/max nights for every property included in the response for that stay period. If the selected dates are in violation of the Seasonal Night Rules the general warning message is returned for that property inside that property's element in the response. This message will indicate that there are some restrictions for booking on such dates in that property.

2. In **PropertyInformation** the validation is done in two steps:

   a. The dates selected by user are validated against min/max nights in the property for that stay period. If the selected dates are in violation of the Seasonal Night Rules the general Warning message is returned for that property at the top of the entire response. This message will indicate that booking on such dates is not possible at all in that property. Any attempt to book any room on those dates in that property using PropertyBookingRequest call will result in failure.

   b. Each room available in the property on the selected days is then validated against the Seasonal Night Rules. If there are any conflicts (due to missing availability) the warning message will be returned <u>inside that room's element in the response</u> indicating that this single room is not bookable due to the min/max nights rule restrictions. The message should be displayed (as a pop-up) beside this single room in the response and booking of that room should be prevented for the end user. Any attempt to book this room using PropertyBookingRequest call will result in failure.

Please note that detailed availability will be returned in the XSAPI response regardless of the warning messages for any of the above cases. It is therefore important for partners to catch these warning messages and take appropriate actions on their end.

Cache

Most of XSAPI calls are cached to minimize the response times. Some caching however is also advised on our partner's side. Expiration time of the cache for each XSAPI call will be returned in HTTP Header of the XSAPI response:

```
Expires: Wed, 20 Jun 2012 11:27:34 GMT
Cache-Control: max-age=86400, must-revalidate
```

For more information please read Special Headers section.

Property Information caching

Property Information call is cached in XSAPI for 24 hours. It's recommended that partners also cache the result of 'PropertyInformation' calls for 24 hours in their application instead of retrieving the result of this call each time from XSAPI. The cached response from XSAPI is very quick (< 0.5 second) but caching this data on partner side will provide even better end user experience for their customers.

XSAPI is providing two additional calls to streamline the synchronization process: **PropertiesInformation** and **InactiveProperties**. The ideal synchronization scenario is described below:

1. Partner would make initial PropertiesInformation call, without DateStart parameter, to retrieve all active HW properties. This information should then be stored in the partner's application cache and re-used if requested by the end user.

2. After 24 hours partner should update the properties information. This should be done as a two step process:

   a. Retrieve list of all properties that have been recently de-activated on Hostelworld by making the '**InactiveProperties**' call and providing DateStart as the day before (24 hours ago) or any date that was used to make previous successful Property Information synchronization. Call will return a short list of PropertyIDs which should be used to deactivate the corresponding properties in partner's application side cache.

   b. Retrieve information for any recently added/updated properties on Hostelworld by making the '**PropertiesInformation**' call and providing DateStart as the day before (24 hours ago) or any date that was used to make previous successful Property Information synchronization. The call will return a list of properties containing detailed information that can be used to update the partner's application side cache.

3. Partners can also make a full synchronization described in step 1 once a week/month to make sure that all Hostelworld properties are correctly stored in partner's application cache and this way reduce any risk of failed partial daily synchronizations. This is not a required step and making the full synchronization is a resource and time consuming process. Daily synchronization is a sufficient way of keeping the property database up to date.

Supported Languages

On every request that allows the Language parameter, you can request for one of the following languages:

Brazilian, Catalan, TradChinese, Czech, Danish, German, Spanish, Finnish, French, Hungarian, Italian, Japanese, Korean, Lithuanian, Latvian, Dutch, Norwegian, Polish, Portuguese, Russian, Slovak, Slovenian, Swedish, Turkish and Chinese.

TradChinese means Traditional Chinese.

Terms & Conditions for Users

On the page of your application that the user enters their details, you have to provide a link to the Hostelworld Ltd. Terms & Conditions. The link has the following format:

https://secure.bookhostels.com/hosteltermsandconditions2.php?UserID=[userid]&Language=[language]

[*userid*] – your affiliate id

[*language*] – in what language you want the T&C's to be displayed. See above for the list.

Restricted Countries:

We are governed by United States regulations administered by the Department of the Treasury's Office of Foreign Assets Control (OFAC) and therefore we have restrictions in place regarding countries and nationals we deal with. Please note the clause below as outlined in your Affiliate Agreement with us, which we require you to comply with;

1. The Affiliate hereby warrants, confirms and undertakes that it is not a national or controlled by a national of Cuba, Iran, Syria, Sudan, Myanmar (Burma) or North Korea (each a "Restricted Nation" and together the "Restricted Countries") and agrees that should its status in this regard change it shall immediately notify Hostelworld.com Ltd and Hostelworld.com Ltd shall, in such circumstances, have an immediate right to terminate this Agreement without notice to the Affiliate.

2. The Affiliate hereby further confirms and agrees that no Hostelworld Accommodation Product shall be offered for sale to Visitors via the Affiliate Site and booked through the Hostelworld.com Ltd Affiliate Platform where:

    a. The Hostelworld Accommodation Product and/or Other Services is situated in or offered for sale in any Restricted Nation or by any national of a Restricted Nation; or

    b. to any national of a Restricted Nation,

    and agrees to take such steps as are necessary to co-operate with Hostelworld.com Ltd to ensure that each of provisions (a) and (b) above are complied with

Objects

API Object

Purpose
Information about API usage limits for the current partner. It will also contain information of the API version and status of the processed call.

IMPORTANT: The 'api' object will be included in every response of the XS API.

Parameters

Attribute	Description	Type
status	The status of the processed API Call	String [Success,Error,Warning]
callsremaining	Indicates if there are remaining API calls. For more information please read Special Headers section.	Integer [0|1]
version	Version of the API used to process this request	String

Example response
The below example tells the connecting software that the call was successful there are 10 calls remaining in current 60 seconds window. The API version that was used to process this call was 1.0.

XML

```
<api status="Success" callsremaining="1" version="1.0"/>
```

JSON

```
"api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
  },
```

Requests

City Country List

Purpose

This call is used to retrieve all cities with hostels available to be booked within particular country. It's not part of the booking process. This call is to help present list of available cities within country.

CODE: citycountrylist

URL

https://[*server*]/[*ver*]/**citycountrylist**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
Language	Language in which list of cities is to be returned	String [Optional]
Country	Country from which cities are returned	String [Optional]

Response Parameters

Parameter	Description	Type
Countries	Container holding all returned Countries	Object
Country	Container with details of each Country	Object
#code	Country name in English	String
#name	Full translated country name	String
#continent	Full translated name of Continent on which Country is located	String
Cities	Container with all cities in that country	Object
City	Full translated city name	String
#code	City name in English	String

Example Response

XML

```
<response>
 <api status="Success" callsremaining="1" version="1.0"/>
  <countries count="1">
  <country code="New Zealand" name="New Zealand" continent="Oceania">
   <cities>
    <city code="Auckland">Auckland</city>
    <city code="Paihia">Paihia</city>
    <city code="Mt Ruapehu National Park">Mt Ruapehu National Park</city>
    <city code="Ohakune">Ohakune</city>
    <city code="Rotorua">Rotorua</city>
    …
    <city code="Opunake">Opunake</city>
   </cities>
  </country>
 </countries>
</response>
```

JSON

```
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
```

```
    },
    "result": {
      "Countries": {
        "New Zealand": {
          "Continent": "Oceania",
          "Name": "New Zealand",
          "Cities": {
            "Auckland": "Auckland",
            "Paihia": "Paihia",
            "Mt Ruapehu National Park": "Mt Ruapehu National Park",
            "Ohakune": "Ohakune",
            "Rotorua": "Rotorua",
            …
            "Opunake": "Opunake"
          }
        }
      },
      "ResultCount": 1
    }
}
```

Property Location Search

Purpose

To search available hostels within specified city and dates.

NOTE: As of version 1.1 it's possible to request showing prices in multiple currencies at the same time. We strongly suggest using this feature instead of making one request for each currency.

NOTE: Please refer to '**Seasonal Nights Rules**' section at the top of this documentation for implementation guidelines.

CODE: propertylocationsearch

URL:

https://[*server*]/[*ver*]/**propertylocationsearch**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
City	Valid and full city name	*String*
Country	Country city is located	*String*
DateStart	The start of the range	*ISO 8601 date*
DateEnd	The end of the range	*ISO 8601 date [only required if NumNights not specified]*
NumNights	The number of nights the guest wishes to stay	*Integer [only required when DateEnd not specified]*
PropertyTypes	For filtering results so only certain property types are returned for your search,	*Enum: HOSTEL, HOTEL, GUESTHOUSE, CAMPSITE and APARTMENT [allowed multiple values, comma separated]*
Currency	Currencies prices should be returned in. If not specified all results will be returned in default currency.	*Three-character ISO currency code or coma separated list of*

ShowRoomTypeInfo	Whether to include room type information
	
	Note: This field works based on bitwise conjunction, which means it's possible to set up different flags same time by summing the values, for example:
	
	a) Looking for all available rooms and total prices,
	    It's required to pass value `**65**` (**1** + **64**);
	b) Looking for only fully bookable rooms,
	    It's required to pass `**2**`;
	c) Looking for fully bookable rooms and total prices,
	    It's required to pass `**66**` (**2** + **64**).
		Integer [Optional]
		Default is '0'
		
		Flags:
		***0** – off*
		***1** – all available rooms*
		***2** – only fully bookable*
		***64** – include room type prices breakdown including:*
		  • *total base price for search period*
		  • *total booking fees*
		  • *total taxes*
		  • *total final price*

Language	Translation the key information is preferred to be retrieved in. If translation is not provided English version will be returned.	*Enum: specified language* *(see Supported Languages section)* *[Optional] Default is English*
latitude	Latitude of a user's location	*Decimal [Optional]*
longitude	Longitude of a user's location	*Decimal [Optional]*
GroupSearch	Parameter to indicate this is group search. Results will be filtered depending on values specified in GroupType and GroupSize (whether property accepts such groups).	*0/1 [Optional]* *Default is '0'*

GroupType	Indicate group character	Enum: 1 – Holiday with Friends 2 – Junior / Primary School 3 – High / Secondary School 4 – College / University 5 – Business Trip 6 – Stag/Hen/Bachelor Party 7 – Sports Group 8 – Cultural Group [Optional/Obligatory – depending on GroupSearch switch]
GroupAgeRanges	Indicate group age ranges. Possible to specify multiple values by separating them with commas	Enum: 1 - 0-12 2 - 12-18 3 - 18-21 4 - 21-35 5 - 35-50 6 - 50+ [Optional/Obligatory – depending on GroupSearch switch]
GroupSize	Number of people in group	Integer [Optional/Obligatory – depending on GroupSearch switch] Number of people in group can't be less than 8.

Example Request

http://affiliate.xsapi.webresint.com/1.1/propertylocationsearch.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&City=Poznan&Country=Poland&DateStart=2011-02-20&NumNights=2&Currency=EUR,USD&ShowRoomTypeInfo=1

Response Parameters

Parameter	Description	Type
api	API Object	Object
results	Container for results	Object
#total	Total number of results available	Integer
#count	Number of results in this response	Integer
#currency	Currencies in which all results are returned	three-character ISO currency code or coma separated list of
property	Container for single property returned	Object
#number	Number of property	Integer
name	Name of the hostel	String
Address1	Hostel's Address line 1	String
Address2	Hostel's Address line 2	String [optional]
minNights	Minimum number of nights can be booked	Integer
maxNights	Maximum number of nights can be booked	Integer
type	Type of property	Enum: HOSTEL, HOTEL, GUESTHOUSE, CAMPSITE and APARTMENT
maxPax	Max number of people staying on one booking	Integer
shortDescription	Short description of hostel	String
starRating	Star rating	Integer
avgRating	The property's rating	Integer
bedPrices	Container for prices of beds	Object
cheapestDorm	Container for cheapest price for dorm bed	Object [optional]- *present if property has dorm rooms available
price	Cheapest price for dorm bed	Decimal
#currency	Currency of the cheapest price for dorm bed	three-character ISO currency code
cheapestPrivate	Container for Cheapest Price for Private bed	Object [optional]- *present if property has private rooms available
price	Cheapest price for private bed	Decimal

#currency	Currency of the cheapest price for private bed	three-character ISO currency code
availableDates	Container for dates any bed is available	Object
date	Date on which hostel has available beds	ISO 8601 date
roomTypes	Container for room type results	Objecty
roomType	Container for one room type	Object
code	Unique code for room type within property	String
description	Descriptive name of room type	String
total	Container for all total prices	Object
price	Total base price for particular roomType	Object
bookingFee	Total booking fee for particular roomType	Object
taxes	Total taxes for particular roomType	Object
finalPrice	Total final price for particular roomType	Object
night	Container for all prices and availability for specific date	Object
#date	Date which is covered in this element	ISO 8601 date
bedPrice	Container for prices and number of beds at that price	Object
#beds	Number of beds	Integer
price	Container for price beds are available at	Decimal
#currency	Currency of bed price	three-character ISO currency code
images	Container for property images	Object
image	Image container	Object
width	Width of image	Integer
height	Height of image	Integer
url	Url of image	String
geo	Container for geo information	Object
longitute	Geo latitude	Float
latitude	Geo latitude	Float

Example Response Success

XML

```xml
<response>
 <api status="Success" callsremaining="1" version="1.1"/>
 <results total="2" count="2" currency="USD,EUR">
   <property number="27667">
    <name>Cinnamon Hostel Poznan</name>
    <address1>Gwarna 10/2</address1>
    <address2></address2>
    <minNights>1</minNights>
    <maxNights>7</maxNights>
    <type>HOSTEL</type>
    <maxPax>8</maxPax>
    <shortDescription>Staying with us places you directly in the centre of Poznan where you will find yourself
only a very short walk away from all the attractions and amenities this wonderful city has to offer. These
include:
 * Old market square (5 min)
 * Railway station (10 min)
 * Botanical Garden (5mi</shortDescription>
    <starRating></starRating>
    <avgRating>80</avgRating>
    <bedPrices>
     <cheapestDorm>
      <price currency="USD">16.46</price>
      <price currency="EUR">12.01</price>
     </cheapestDorm>
     <cheapestPrivate>
      <price currency="USD">24.68</price>
      <price currency="EUR">18.02</price>
     </cheapestPrivate>
    </bedPrices>
    <availableDates>
        <date>2011-02-20</date>
        <date>2011-02-21</date>
```

```xml
            </availableDates>
            <roomTypes>
             <roomType code="x2_DblXPrivate_0___" description="Double Bed Private Shared Bathroom">
                <night date="2011-02-20">
                  <bedPrice beds="2">
                    <price currency="USD">24.68</price>
                    <price currency="EUR">18.02</price>
                  </bedPrice>
                </night>
                <night date="2011-02-21">
                  <bedPrice beds="2">
                    <price currency="USD">24.68</price>
                    <price currency="EUR">18.02</price>
                  </bedPrice>
                </night>
             </roomType>
             <roomType code="x4_MixedXDorm_0___" description="4 Bed Mixed Dorm">
                <night date="2011-02-20">
                  <bedPrice beds="4">
                    <price currency="USD">21.94</price>
                    <price currency="EUR">16.01</price>
                  </bedPrice>
                </night>
                <night date="2011-02-21">
                  <bedPrice beds="4">
                    <price currency="USD">21.94</price>
                    <price currency="EUR">16.01</price>
                  </bedPrice>
                </night>
             </roomType>
             <roomType code="x8_MixedXDorm_0___" description="8 Bed Mixed Dorm">
                <night date="2011-02-20">
                  <bedPrice beds="16">
                    <price currency="USD">18.28</price>
                    <price currency="EUR">13.35</price>
                  </bedPrice>
                </night>
                <night date="2011-02-21">
                  <bedPrice beds="16">
                    <price currency="USD">18.28</price>
                    <price currency="EUR">13.35</price>
                  </bedPrice>
                </night>
             </roomType>
            </roomTypes>
            <images>
          <image>
           <width>150</width>
           <height>100</height>
           <url>http://images.hostelworld.com/propertyimages/static/images/2/27667/1_s.jpg</url>
          </image>
         </images>
         <geo>
          <longitude>16.9215631</longitude>
          <latitude>52.4078908</latitude>
         </geo>
        </property>
       …
      <cityGeo>
        <latitude>53.333896</latitude>
        <longitude>-6.678799</longitude>
      </cityGeo>
      </results>
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
  },
  "result": {
    "Properties": [
      {
        "name": "Fusion Hostel",
        "number": 34234,
```

```
        "address1": "OEW.MARCIN STREET 66/72",
        "minNights": "1",
        "maxNights": "31",
        "type": "HOSTEL",
        "avgRating": 88,
        "maxPax": "8",
        "bedPrices": {
          "cheapestDorm": {
            "EUR": "14.33",
            "USD": "18.97"
          }
        },
        "availableDates": [
          "2011-06-01",
          "2011-06-02",
          "2011-06-03"
        ],
        "shortDescription": "Fusion Hostel is  spacious, modern, functional and fresh. We have comfortable bunk
beds. For all – a shared room club with a widescreen TV. It is a place, where comfort meets the
modernity.\r\nAll our rooms are non-smoking.\r\nReception desk is open 24hour so we can help you plan your
stay, 16ostelwo and",
        "images": [
          {
            "width": 150,
            "height": 100,
            "url": "http://images.hostelworld.com/propertyimages/static/images/3/34234/1_s.jpg"
          }
        ],
        "geo": {
          "longitude": "16.9215846",
          "latitude": "52.4073017"
        },
        "roomTypes": [
          {
            "code": "x4_MixedXDorm_1_BASIC__",
            "description": "Basic 4 Bed Mixed Dorm Ensuite",
            "availability": {
              "2011-06-01": [
                {
                  "beds": 4,
                  "price": {
                    "EUR": "17.97",
                    "USD": "23.80"
                  }
                }
              ],
              "2011-06-02": [
                {
                  "beds": 4,
                  "price": {
                    "EUR": "17.97",
                    "USD": "23.80"
                  }
                }
              ]
            }
          },
          {
            "code": "x4_MixedXDorm_0_BASIC__",
            "description": "Basic 4 Bed Mixed Dorm",
            "availability": {
              "2011-06-01": [
                {
                  "beds": 4,
                  "price": {
                    "EUR": "15.37",
                    "USD": "20.35"
                  }
                }
              ],
              "2011-06-02": [
                {
                  "beds": 4,
                  "price": {
                    "EUR": "15.37",
                    "USD": "20.35"
                  }
                }
```

```
                          ],
                          "2011-06-03": [
                             {
                                "beds": 4,
                                "price": {
                                   "EUR": "15.37",
                                   "USD": "20.35"
                                }
                             }
                          ]
                       }
                    },
                    {
                       "code": "x6_MixedXDorm_0___",
                       "description": "6 Bed Mixed Dorm",
                       "availability": {
                          "2011-06-01": [
                             {
                                "beds": 12,
                                "price": {
                                   "EUR": "14.33",
                                   "USD": "18.97"
                                }
                             }
                          ],
                          "2011-06-02": [
                             {
                                "beds": 12,
                                "price": {
                                   "EUR": "14.33",
                                   "USD": "18.97"
                                }
                             }
                          ],
                          "2011-06-03": [
                             {
                                "beds": 12,
                                "price": {
                                   "EUR": "14.33",
                                   "USD": "18.97"
                                }
                             }
                          ]
                       }
                    }
                 ]
              },
              …
           ],
           "ResultCount": 13,
           "ResultTotal": 13,
           "Currency": "EUR,USD",
           "cityGeo": {
              "latitude": "53.3330556",
              "longitude": "-6.2488889"
           }
        }
     }
```

Property Information

Purpose
This call should be used to retrieve property information.

NOTE: Please refer to '**Cache – Property Information**' section at the top of this documentation for implementation guidelines.

CODE: propertyinformation

URL
https://[*server*]/[*ver*]/**propertyinformation**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
PropertyNumber	Number of active property	*Integer*
Language	Translation the key information is preferred to be retrieved in. If translation is not provided by property English version will be returned. Note: limited number of languages supported.	*Enum: specified language (see Supported Languages section) [Optional] Default is English*
showRawDescription	Determine if description should be returned in raw format.	*0/1 [Optional] Default is '0'*

Example Request
http://affiliate.xsapi.webresint.com/1.1/propertyinformation.json?consumer_key=test&consumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&PropertyNumber=47342&Language=French

Response Parameters

Parameter	Description	Type
api	API Object	Object
property	Container for property information	Object
propertyNumber	Number of property retrieved	Integer
propertyName	Name of the property	Integer
Address1	Property's Address line 1	String
Address2	Property's Address line 2	String [optional]
City	City of the property	String
CityNO	City number of the property	Integer
Country	Country of the property	String
CountryNO	Country number of the property	Integer
propertyType	Type of property	Enum: HOSTEL, HOTEL, GUESTHOUSE, CAMPSITE and APARTMENT
avgRating	The property's rating	Integer
description	Description of the property	String
currency	Property's currency	three-character ISO currency code
propertyImages	Container for property's images	Object
imageSize	Relative image size	Enum: max, large, small
imageWidth	X dimension of image in pixels	Object
imageHeight	Y dimension of image in pixels	Decimal
imageURL	Container for dates any bed is available	Object
facilities	Container for facilities list	Object [optional]
facility	Facility available in property	String
policies	Container for policies list	Object [optional]

policy	Policy rule that is enforced by that property	String
geo	Container for lat, long of property	Object
lat	The latitude position for the property	float
long	The longitude position for the property	Float
directions	Directions to hostel	String [optional]
~~email~~	~~Property's contact email address~~ Removed from API version 1.2.80.2 due to security reasons	~~String~~
tel	Property's contact telephone number	String
conditions	Conditions of stay in hostel	String [optional]
maxPax	Maximum number of guests that will not be treated as Group Booking. For Group Booking criteria please refer to 'groupCriteria' element in PropertyBookingInformation call.	Integer
CheckInTime	Container for property's allowed "CheckInTimes".	Object
#earliest	Earliest arrival (check-in) hour allowed by property	Integer
#latest	Latest arrival (check-in) hour allowed by property	Integer
cancellationPolicy	Determines in how many days before arrival customer is able to cancel booking in this property.	Integer
prices	Container for average and min property prices for the next 12 months. Each price is returned in requested cyrrency/currencies.	Object
#SharedMinPrice	Lowest price in a DORM type room	Float
#SharedAveragePrice	Average price in a DORM type room	Float
#PrivateMinPrice	Lowest price in a PRIVATE type room	Float
#PrivateAveragePrice	Average price in a PRIVATE type room	Float
#MinPrice	Lowest price across all room types in this property	Float
#AveragePrice	Average price across all room types in this property	Float
notes	Container for addition notes prepared by property	String

Example Response

XML

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
    <api status="Success" callsremaining="1" version="1.1.46.0"/>
    <property>
        <propertyNumber>190</propertyNumber>
        <propertyName>Hostel Nina</propertyName>
        <averageRating>96</averageRating>
        <address1>Celebica 18</address1>
        <city>Mostar</city>
        <country>Bosnia And Herzegovina</country>
        <propertyType>HOSTEL</propertyType>
        <description>Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old
Bridge, providing clean and comfortable accommodation to travelers. \r\nOur hostel is situated in a quiet area,
very close to shopping areas and other communications In our hostel everything is newly renovated. Our rooms
are very large, clean and cosy with 1, 2, 3 or 4 beds. \r\nWe offer you a big kitchen and 3 newly renovated and
very clean bathrooms. During the winter we offer you heating in the room and it is free. In front of our hostel
you have big garden where you can read a book or socialize with other guests. \r\nHostel Nina is situated in a
quiet area of Old Town very close to other historical monuments, night clubs, bars… In front of the hostel is
big parking place,and it is free for our quests,for motorist and cyclist we have garage.
</description>
        <currency>EUR</currency>
        <geo>
            <longitude>0.0000000</longitude>
            <latitude>0.0000000</latitude>
        </geo>
        <propertyImages count="24">
            <PropertyImage>
                <imageSize>max</imageSize>
                <imageWidth>500</imageWidth>
                <imageHeight>375</imageHeight>
                <imageURL>http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1.jpg</imageURL>
            </PropertyImage>
            <PropertyImage>
                <imageSize>large</imageSize>
```

```xml
                <imageWidth>250</imageWidth>
                <imageHeight>163</imageHeight>
                <imageURL>http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_l.jpg</imageURL>
            </PropertyImage>
            <PropertyImage>
                <imageSize>small</imageSize>
                <imageWidth>150</imageWidth>
                <imageHeight>100</imageHeight>
                <imageURL>http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_s.jpg</imageURL>
            </PropertyImage>
        </propertyImages>
        <facilities>
            <facility>24 Hour Reception</facility>
            <facility>24 Hour Security</facility>
            <facility>Air Conditioning</facility>
            <facility>Airport Transfers</facility>
            <facility>Bicycle Parking</facility>
            <facility>Breakfast Not Included</facility>
        </facilities>
        <policies>
            <policy>No entry after 23pm</policy>
        </policies>
        <directions>4.7916666666667</directions>
        <email>nina@hostelnina.ba</email>
        <tel>+387 61 382 743</tel>
        <checkInTime earliest="0" latest="23"></checkInTime>
        <CityNO>5965</CityNO>
        <CountryNO>27</CountryNO>
        <locatedNear>4.7916666666667</locatedNear>
        <notes></notes>
        <starRating>0</starRating>
        <shortintro>Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old
Bridge, providing clean and comfortable accommodation to travelers.</shortintro>
        <province></province>
        <cancellationPolicy>1</cancellationPolicy>
        <prices>
            <SharedMinPrice>
                <EUR>13.50</EUR>
                <JPY>1499.67</JPY>
            </SharedMinPrice>
            <SharedAveragePrice>
                <EUR>17.75</EUR>
                <JPY>1971.79</JPY>
            </SharedAveragePrice>
            <PrivateMinPrice>
                <EUR>25.00</EUR>
                <JPY>2777.17</JPY>
            </PrivateMinPrice>
            <PrivateAveragePrice>
                <EUR>30.00</EUR>
                <JPY>3332.61</JPY>
            </PrivateAveragePrice>
            <MinPrice>
                <EUR>13.50</EUR>
                <JPY>1499.67</JPY>
            </MinPrice>
            <AveragePrice>
                <EUR>24.25</EUR>
                <JPY>2693.86</JPY>
            </AveragePrice>
        </prices>
    </property>
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1.46.0"
  },
  "result": {
    "propertyNumber": "190",
    "propertyName": "Hostel Nina",
    "address1": "Celebica 18",
    "address2": "",
    "geo": {
```

```
    "latitude": "0.0000000",
    "longitude": "0.0000000"
  },
  "city": "Mostar",
  "CityNO": "5965",
  "country": "Bosnia And Herzegovina",
  "CountryNO": "27",
  "description": "Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old
Bridge, providing clean and comfortable accommodation to travelers. \r\n\r\nOur hostel is situated in a quiet
area, very close to shopping areas and other communications. \r\n\r\nIn our hostel everything is newly
renovated. Our rooms are very large, clean and cosy with 1, 2, 3 or 4 beds. \r\nHOSTEL NINA",
  "averageRating": 96,
  "propertyType": "HOSTEL",
  "currency": "EUR",
  "conditions": "",
  "directions": "4.7916666666667",
  "email": "nina@hostelnina.ba",
  "tel": "+387 61 382 743",
  "locatedNear": "4.7916666666667",
  "notes": "",
  "starRating": 0,
  "creationdate": "2008-02-19",
  "shortintro": "Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old Bridge,
providing clean and comfortable accommodation to travelers. \r\n\r\nOur hostel is situated in a quiet area,
very close to shopping areas and other communications.",
  "signupsource": "www.hostelworld.com",
  "active": "1",
  "province": "",
  "cancellationPolicy": "1",
  "propertyImages": [
    {
      "imageSize": "max",
      "imageURL": "http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1.jpg",
      "imageWidth": "500",
      "imageHeight": "375"
    },
    {
      "imageSize": "large",
      "imageURL": "http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_l.jpg",
      "imageWidth": 250,
      "imageHeight": 163
    },
    {
      "imageSize": "small",
      "imageURL": "http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_s.jpg",
      "imageWidth": 150,
      "imageHeight": 100
    }
  ],
  "facilities": [
    "24 Hour Reception",
    "24 Hour Security",
    "Air Conditioning",
    "Airport Transfers",
    "Bicycle Parking",
    "Breakfast Not Included"
  ],
  "policies": [
    "No entry after 23pm"
  ],
  "checkInTime": {
    "earliest": 0,
    "latest": 23
  },
  "prices": {
    "SharedMinPrice": {
      "EUR": "13.50",
      "JPY": "1499.67"
    },
    "SharedAveragePrice": {
      "EUR": "17.75",
      "JPY": "1971.79"
    },
    "PrivateMinPrice": {
      "EUR": "25.00",
      "JPY": "2777.17"
    },
    "PrivateAveragePrice": {
```

```
        "EUR": "30.00",
        "JPY": "3332.61"
      },
      "MinPrice": {
        "EUR": "13.50",
        "JPY": "1499.67"
      },
      "AveragePrice": {
        "EUR": "24.25",
        "JPY": "2693.86"
      }
    }
  }
}
```

Property Booking Information

Purpose

To retrieve property's availability and pricing for room types within specified dates.

NOTE: Please refer to '**Seasonal nights rules**' section at the top of this documentation for implementation guidelines.

NOTE: Please refer to '**Temporary reserved rooms'** section at the top of this documentation for implementation guidelines.

CODE: propertybookinginformation

URL

https://[*server*]/[*ver*]/**propertybookinginformation**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
PropertyNumber	Number of active property	*Integer*
Currency	Currency data should be returned in. If not specified all figures will be given in property's currency.	*Three-character ISO currency code [optional]*
Language	Translation the key information is preferred to be retrieved in. If translation is not provided English version will be returned.	*Enum: specified language (see Supported Languages section) [Optional] Default is English*
DateStart	The start of the range	*ISO 8601 date*
DateEnd	The end of the range	*ISO 8601 date [only required if NumNights not specified]*
NumNights	The number of nights the guest wishes to stay	*Integer [only required when DateEnd not specified]*
ShowRoomTypeInfo	Whether to include room type information Note: This field works based on bitwise conjunction, which means it's possible to set up different flags same time by summing the values, for example: a) Looking for all available rooms and total prices, It's required to pass value `65` (**1** + **64**); b) Looking for only fully bookable rooms, It's required to pass `2`; c) Looking for fully bookable rooms and total prices, It's required to pass `66` (**2** + **64**).	*Integer [Optional] Default is '1'* *Flags:* *1 – all available rooms* *2 – only fully bookable* *64 – include room type prices breakdown including:* • *total base price for search period* • *total booking fees* • *total taxes* • *total final price*

Example Request

http://affiliate.xsapi.webresint.com/1.1/propertybookinginformation.json?consumer_key=test&consumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&DateStart=2010-12-10&DateEnd=2010-12-11&Language=German&PropertyNumber=640&Currency=PLN

Response Parameters

Parameter	Description	Type
Api	API Object	Object
userMessages	Container for all user messages and warnings	Optional
warning	Container for warning	String
#code	Warning code for warning.	Integer
message	Container for message	String

#code	Warning code for message	Integer
propertyNumber	Number of property	Integer
stayOption	Property MinNightStayOption new rule	String 0|date
minNights	Minimum number of nights can be booked	Integer
maxNights	Maximum number of nights can be booked	Integer
maxPax	Maximum number of people that can be booked on one booking that is not considered a Group Booking	Integer
availablePayments	Container for available payment options. Possible values: debitCard, creditCard, paypal	Object
supportedCards	Container for list of payment cards accepted by property for payment for online-booking deposit and at property's reception.	Object
card	The detailed information about accepted payment card	Object
#name	Name (type) of the card – Visa, Master card, maestro, JCB etc…	String
#type	Type of the payment card – credit or debit	String
#currency	Currency that will be used to charge the card. Possible options: GBP – Card can only be charged in GBP currency EUR - Card can only be charged in EUR currency USD - Card can be charged in USD, GBP or EUR currency	String
#issueNumber	Specifies if the issue number will be required to process payment on this card	Integer
#validFrom	Specifies if the "Valid From" date will be required to process payment on this card	
groupCriteria	Container for criteria for a Group Booking	Object
groupMaxPax	Maximum number of people that can be booked on one Group Booking	Integer [element will have value '0' if property does not allow group bookings]
allowedGroupTypes	This field will contain the coma separated list of allowed group types ID's that can be used to make booking.	String: 1 – Holiday with Friends 2 – Junior / Primary School 3 – High / Secondary School 4 – College / University 5 – Business Trip 6 – Stag/Hen/Bachelor Party 7 – Sports Group 8 – Cultural Group [element will have empty value if property does not allow group bookings]
allowedGroupAgeRanges	This field will contain the coma separated list of allowed group age ranges ID's that can be used to make booking.	String: 1 - 0-12 2 - 12-18 3 - 18-21 4 - 21-35 5 - 35-50 6 - 50+ [element will have empty value if property does not allow group bookings]
groupMinNights	Minimum number of nights can be booked by a Group	Integer
groupMaxNights	Maximum number of nights can be booked by a Group	Integer
currency	Currency that results are returned in.	three-character ISO currency code
availableDates	Container for dates any bed is available	Object
date	Date on which hostel has available beds	ISO 8601 date
roomTypes	Container for room type results	Object
roomType	Container for one room type	Object
#code	Unique code within property for room type	String
#description	Descriptive name of room type	String
beds	Number of people that can sleep in the room	

guestIncrement	Increments of number of people that are required to book the room. e.g. 2 Bed private rooms will require to book at least 2 people in increments of 2. i.e. 2,4,6,8. e.g. 3 Bed private rooms will require to book at least 3 people in increments of 3. i.e. 3,6,9.	Integer (applies for private rooms only)
basictype	Basic type of roomtype	Enum: Dbl Dorm Dbl Private Mixed Dorm Female Dorm Male Dorm Private
ensuite	Defines if the room has a bathroom or not	Integer
labeltype	Room label - label type (supportive description of basic type)	Enum: BASIC STANDARD DELUXE SUPERIOR
extendedtype	Room label – type (supportive description of basic type)	Enum: TENT APARTMENT FAMILYROOM SHAREDTENT
Nights	Container for all nights available in the requested period	Object
night	Container for all prices and availability for specific date	Object
#date	Date which is covered in this element	ISO 8601 date
bedPrice	Container for prices and number of beds at that price	Object
#beds	Number of beds	Integer
#price	Price beds are available at	Decimal
checkInTime	Container for property's allowed "CheckInTimes".	Object
#earliest	Earliest arrival (check-in) hour allowed by property	Integer
#latest	Latest arrival (check-in) hour allowed by property	Integer
thingsToNote	Container for booking policies, including cancellation policy generated per property cancellation policy	String

Example Response

XML

```xml
<response>
<api status="Success" callsremaining="1" version="0.1"/>
<propertyNumber>24322</propertyNumber>
<minNights>1</minNights>
<maxNights>14</maxNights>
<maxPax>8</maxPax>
<availablePayments>
 <availablePayment>debitCard</availablePayment>
 <availablePayment>creditCard</availablePayment>
 <availablePayment>paypal</availablePayment>
</availablePayments>
<supportedCards>
  <card name="Visa Electron" type="Debit" currency="GBP" issueNumber="0" validFrom="0"></card>
  <card name="JCB" type="Debit" currency="GBP" issueNumber="0" validFrom="0"></card>
  <card name="Laser" type="Debit" currency="EUR" issueNumber="0" validFrom="0"></card>
  <card name="Maestro UK" type="Debit" currency="GBP" issueNumber="1" validFrom="1"card>
  <card name="Visa Debit" type="Debit" currency="USD" issueNumber="0" validFrom="0"card>
  <card name="Mastercard" type="Credit" currency="USD" issueNumber="0" validFrom="0"card>
  <card name="Visa" type="Credit" currency="USD" issueNumber="0" validFrom="0"></card>
  <cardsType>
</supportedCards>
<groupCriteria>
 <groupMaxPax>12</groupMaxPax>
 <allowedGroupTypes>
  <groupType id="1">Holiday with Friends</groupType>
```

```xml
    <groupType id="4">College / University</groupType>
    <groupType id="5">Business Trip</groupType>
    <groupType id="6">Stag/Hen/Bachelor Party</groupType>
    <groupType id="7">Sports Group</groupType>
    <groupType id="8">Cultural Group</groupType>
   </allowedGroupTypes>
   <allowedGroupAgeRanges>
    <groupType id="4">21-35</groupType>
    <groupType id="5">35-50</groupType>
    <groupType id="6">50+</groupType>
   </allowedGroupAgeRanges>
   <groupMinNights>1</groupMinNights>
   <groupMaxNights>14</groupMaxNights>
  </groupCriteria>
  <currency>EUR</currency>
  <availableDates>
   <date>2010-10-20</date>
   <date>2010-10-21</date>
  </availableDates>
  <roomTypes>
   <roomType code="x1_Private_0_STANDARD__" description="Standard Single Private">
    <nights>
     <night date="2010-10-20">
      <bedPrice beds="3" price="30.00"/>
     </night>
     <night date="2010-10-21">
      <bedPrice beds="3" price="30.00"/>
     </night>
    </nights>
   </roomType>
   <roomType code="x2_Private_0___" description="Twin Private">
    <nights>
     <night date="2010-10-20">
      <bedPrice beds="6" price="23.00"/>
     </night>
     <night date="2010-10-21">
      <bedPrice beds="6" price="23.00"/>
     </night>
    </nights>
   </roomType>
  </roomTypes>
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
  },
  "result": {
    "propertyNumber": "47342",
    "minNights": "1",
    "maxNights": "31",
    "maxPax": "8",
    "availablePayment": [
      "debitCard",
      "creditCard",
      "paypal"
    ],
    "supportedCards": {
      "debitCards": [
        {
          "Name": "Visa Electron",
          "Type": "Debit",
          "Currency": "GBP",
          "IssueNumber": 0,
          "ValidFrom": 0,
          "ExtraCharge": 1
        },
        {
          "Name": "JCB",
          "Type": "Debit",
          "Currency": "GBP",
          "IssueNumber": 0,
          "ValidFrom": 0,
          "ExtraCharge": 1
```

```
        },
        {
          "Name": "Laser",
          "Type": "Debit",
          "Currency": "EUR",
          "IssueNumber": 0,
          "ValidFrom": 0,
          "ExtraCharge": 1
        },
        {
          "Name": "Maestro UK",
          "Type": "Debit",
          "Currency": "GBP",
          "IssueNumber": 1,
          "ValidFrom": 1,
          "ExtraCharge": 1
        }
      ],
      "creditCards": [
        {
          "Name": "Mastercard",
          "Type": "Credit",
          "Currency": "USD",
          "IssueNumber": 0,
          "ValidFrom": 0,
          "ExtraCharge": 0
        },
        {
          "Name": "Visa",
          "Type": "Credit",
          "Currency": "USD",
          "IssueNumber": 0,
          "ValidFrom": 0,
          "ExtraCharge": 0
        }
      ]
    },
    "groupCriteria": {
      "groupMaxPax": "12",
      "allowedGroupTypes": {
        "1": "Holiday with Friends",
        "4": "College / University",
        "5": "Business Trip",
        "6": "Stag/Hen/Bachelor Party",
        "7": "Sports Group",
        "8": "Cultural Group"
      },
      "allowedGroupAgeRanges": {
        "4": "21-35",
        "5": "35-50",
        "6": "50+"
      }
    },
    "currency": "EUR",
    "availableDates": [
      "2011-06-01",
      "2011-06-02",
      "2011-06-03"
    ],
    "roomTypes": [
      {
        "code": "x2_DblXPrivate_0_DELUXE__",
        "description": "Deluxe Double Bed Private Shared Bathroom",
        "availability": {
          "2011-06-01": [
            {
              "beds": 2,
              "price": "30.00",
              "currency": "EUR"
            }
          ],
          "2011-06-02": [
            {
              "beds": 2,
              "price": "30.00",
              "currency": "EUR"
            }
          ]
```

```
                }
            },
            …
        ]
    }
}
```

Processing the booking on the Enter Details page of your Booking Engine or on Hostelworld.com

If you wish to process the booking on your Booking Engine or Hostelworld.com you can provide the user a link to the Enter Details page. This needs to be done after a PropertyBookingInformation call so you can check the availability and to get the correct room codes.

Booking URL Base
Booking Engine: http://reservations.bookhostels.com/<affiliate_id>/availability.php?<url_parameters>

Hostelworld.com: http://www.hostelworld.com/hostels.php?affiliate=<affiliate_id>&<url_parameters>

URL Parameters

Parameter	Description	Type
HostelNumber	Number of active property	Integer
DateStart	The start of the range	ISO 8601 date
NumNights	The number of nights the guest wishes to stay	Integer [only required when DateEnd not specified]
Submit	Set to 1 to direct to the Enter Details page	1
RoomPreference[1..10]	Code of the room type (roomType#code) customer wishes to book. For multi-room type booking use digits following parameter name. For each individual existence of this parameter there has to be defined corresponding Persons[1..10] parameter.	String
Persons[1..10]	Number of persons wish to stay in room type defined in corresponding RoomPreference[1..10] parameter. For multi-room type booking use digits following parameter name.	Integer
Currency	Currency data should be returned in. If not specified all figures will be given in property's currency.	Three-character ISO currency code [optional]

Sample Links

Booking Engine
http://reservations.bookhostels.com/<affiliate_id>/availability.php?DateStart=2011-04-10&NumNights=3&HostelNmber=640&Submit=1&RoomPreference1=x2_Private_0_DELUXE__&Persons1=2

Hostelworld.com
http://www.hostelworld.com/hostels.php?affiliate=<affiliate_id>&DateStart=2011-04-10&NumNights=3&HostelNmber=640&Submit=1&RoomPreference1=x2_Private_0_DELUXE__&Persons1=2

Booking Engine
http://reservations.bookhostels.com/<affiliate_id>/availability.php?DateStart=2011-04-10&NumNights=3&HostelNmber=640&Submit=1&RoomPreference1=x2_Private_0_DELUXE__&Persons1=2&RoomPreference2=x2_DblXPrivate_0_DELUXE__&Persons2=2

Hostelworld.com
http://www.hostelworld.com/hostels.php?affiliate=<affiliate_id>&DateStart=2011-04-10&NumNights=3&HostelNmber=640&Submit=1&RoomPreference1=x2_Private_0_DELUXE__&Persons1=2&RoomPreference2=x2_DblXPrivate_0_DELUXE__&Persons2=2

Property Booking Request

Purpose

After the customer has viewed the room types available in the selected property, they will choose a number of people to stay, and a specific type of room(s). These must be passed to the Property Booking Request script, which will return a list of rooms matching their preferences as closely as possible. It will also return a detailed bill and any relevant warning messages.

NOTE #1: Please refer to '**Temporary reserved rooms'** section at the top of this documentation for implementation guidelines.

NOTE #2: For all private rooms the total price is calculated per amount of beds in a room, for example for **4 bed private room**, user must still pay for the equivalent of **4 people**.
In case user tries to book private room partially, there is returned a user warning code (see User Warnings - Code #8 section).

NOTE #3: The `guestIncrement` parameter, returned inter alia with `Property Booking Information` call response, increments the number of people that are required to book the room (see Property Booking Information - Response Parameters section).

CODE: propertybookingrequest

URL

https://[*server*]/[*ver*]/**propertybookingrequest**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
PropertyNumber	Number of active property	*Integer*
Currency	Currency data should be returned in. If not specified all figures will be given in property's currency.	*Three-character ISO currency code [optional]*
Language	Translation the key information is preferred to be retrieved in. If translation is not provided English version will be returned.	*Enum: specified language (see Supported Languages section) [Optional] Default is English*
DateStart	Start day of the booking (arrival day)	*ISO 8601 date*
DateEnd	End day of the booking (last night of stay)	*ISO 8601 date [only required if NumNights not specified]*
NumNights	The number of nights the guest wishes to stay	*Integer [only required when DateEnd not specified]*
RoomPreference[1..10]	Code of the room type customer wish to book. For multi-room type booking use digits following parameter name. For each individual existence of this parameter there has to be defined corresponding Persons[1..10] parameter.	*String*
Persons[1..10]	Number of persons wish to stay in room type defined in corresponding RoomPreference[1..10] parameter. For multi-room type booking use digits following parameter name.	*Integer*
SettleCurrency	Prices per room type, Beds total, booking fee, deposit, bill total and amount due will be returned in this currency	*three-character ISO currency code [Optional]*
BSID	Session id for this booking request. If this call is made for second or more times it is required to include this parameter obtained from first call made.	*String*

GroupType	Indicate group character	*Enum:* *1 – Holiday with Friends* *2 – Junior / Primary School* *3 – High / Secondary School 4 –* *College / University* *5 – Business Trip* *6 – Stag/Hen/Bachelor Party* *7 – Sports Group* *8 – Cultural Group* *[Optional/Obligatory – depending* *on number of persons]*
GroupAgeRanges	Indicate group age ranges. Possible to specify multiple values by separating them with commas	*Enum:* *1 - 0-12* *2 - 12-18* *3 - 18-21* *4 - 21-35* *5 - 35-50* *6 - 50+* *[Optional/Obligatory – depending* *on number of persons]*
NoConfirmationEmail	By default XS API will send booking confirmation email to consumer immediately after successful booking. If set to '1' the booking confirmation email to customer will NOT be sent automatically from the XS API. **IMPORTANT**: In that case partners need to generate such email in their software and ensure that customer will receive this confirmation via email immediately after making a booking online. Submit Customer Details response will contain all information required to form such email.	*1 [Optional]*

Example Request

http://affiliate.xsapi.webresint.com/1.1/propertybookingrequest.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&PropertyNumber=202&DateStart=2014-08-20&NumNights=3&RoomPreference1=x2_Private_1_DELUXE   &Persons1=1&Language=English

Response Parameters

Parameter	Description	Type
userMessages	Container for all user warnings and messages – which may stop processing request. Suitable for direct displaying to user.	Optional
warning	Container for warning	String
#code	Warning code for warning.	Integer
message	Container for message	String
#code	Warning code for message	Integer
roomType	Contains all relevant information about room type	Object [Optional – exists only If any user warnings (above) didn't occur]
description	Description of room type in language specified in request	String
night	Full information about all beds booked within particular type for particular night	Object
#date	Date of the night which is contained within night node. Note: there might be many night nodes for same room type and date describing different pricing.	ISO 8601 date
#beds	Number of beds	Integer
price	Value of single bed in currency specified in #currency	Decimal
#currency	Currency of price	three-character ISO currency code
bedsTotal	Container for all conversions of total value of beds	Object
bedsTotal Converted	Container for converted value	Object
taxesTotal	Container for all conversions of total taxes values	Object

taxesTotal Converted	Container for converted value	Object
#currency	Currency of beds total converted	three-character ISO currency code
note	Description of amount in language requested	String
value	Total value of beds	Decimal
deposit	Container for all conversions of deposit	Object
depositConverted	Container for converted value	Object
#currency	Currency of deposit converted	three-character ISO currency code
Note	Description of amount in language requested	String
value	Value of deposit	Decimal
bookingFee	Container for all conversions of booking fee value	Object
bookingFeeConverted	Container for converted value	Object
#currency	Currency of booking fee converted	three-character ISO currency code
Note	Description of amount in language requested	String
value	Value of booking fee	Decimal
billTotal	Container for all conversions of total charged amount	Object
billTotalConverted	Container for converted value	Object
#currency	Currency of bill total converted	three-character ISO currency code
Note	Description of amount in language requested	String
value	Value of bill total	Decimal
AmountDue	Container for all conversions of amount due on arrival	Object
amountDueConverted	Container for converted value	Object
#currency	Currency of amount due converted	three-character ISO currency code
Note	Description of amount in language requested	String
value	Due on arrival value	Decimal
creditCardTypes	Container for accepted credit cards	Object
cardType	Accepted type of credit card	String
debitCardsTypes	Container for accepted debit cards	Object
cardType	Accepted type of debit card	String
cardInfo	Container for detailed info about acceptance and requirements of data for all cards	Object
card	Details of particular card type	Object
type	Type of card	Enum: Credit, Debit
name	Name of card type	String
currency	This information is mainly relevant to debit cards, as some debit cards must be charged in a certain currency, and come with a slightly different booking fee	String
issueNo	Whether issue number is required if using this card type	Enum: 0,1
validFrom	Whether valid from date is required if using this card type	Enum: 0,1
BSID	This element contains the session id for this booking request. It will need to be passed on the next booking process step or if repeating this call. It contains two elements, <note>, which is a short reminder of the use of BSID and <value>, the actual session id	Object
checkInTime	Container for property's allowed "CheckInTimes".	Object
#earliest	Earliest arrival (check-in) hour allowed by property	Integer
#latest	Latest arrival (check-in) hour allowed by property	Integer
thingsToNote	Container for booking policies, including cancellation policy generated per property cancellation policy	String

Example Response

XML

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
        <api status="Success" callsremaining="0" version="dev"/>
        <userMessages>
                <warning code="8">A Deluxe Twin Private Ensuite sleeps 2 so to book this room for 1, you must
still pay for the equivalent of 2 people.</warning>
        </userMessages>
        <roomTypes>
                <roomType code="x2_Private_1_DELUXE__" beds="2" guestIncrement="2" basicType="Private"
extendedType = "" label="DELUXE" ensuite="1" description="Deluxe Twin Private Ensuite" isPrivate="1">
                        <nights>
                                <night date="2014-08-20" beds="2">
                                        <price currency="USD">23.56</price>
                                        <price currency="GBP">14.67</price>
                                        <price currency="EUR">17.96</price>
                                        <price currency="LTL">59.00</price>
                                </night>
                                <night date="2014-08-21" beds="2">
                                        <price currency="USD">23.56</price>
                                        <price currency="GBP">14.67</price>
                                        <price currency="EUR">17.96</price>
                                        <price currency="LTL">59.00</price>
                                </night>
                                <night date="2014-08-22" beds="2">
                                        <price currency="USD">23.56</price>
                                        <price currency="GBP">14.67</price>
                                        <price currency="EUR">17.96</price>
                                        <price currency="LTL">59.00</price>
                                </night>
                        </nights>
                </roomType>
        </roomTypes>
        <bedsTotal>
                <bedsTotalConverted currency="USD">
                        <note>Total (USD)</note>
                        <value>141.33</value>
                </bedsTotalConverted>
                <bedsTotalConverted currency="GBP">
                        <note>Total (GBP)</note>
                        <value>88.03</value>
                </bedsTotalConverted>
                <bedsTotalConverted currency="EUR">
                        <note>Total (EUR)</note>
                        <value>107.76</value>
                </bedsTotalConverted>
                <bedsTotalConverted currency="LTL">
                        <note>Total (LTL)</note>
                        <value>354.00</value>
                </bedsTotalConverted>
        </bedsTotal>
        <taxesTotal>
                <taxesTotalConverted currency="USD">
                        <note>Total Tax (USD)</note>
                        <value>0.00</value>
                </taxesTotalConverted>
                <taxesTotalConverted currency="GBP">
                        <note>Total Tax (GBP)</note>
                        <value>0.00</value>
                </taxesTotalConverted>
                <taxesTotalConverted currency="EUR">
                        <note>Total Tax (EUR)</note>
                        <value>0.00</value>
                </taxesTotalConverted>
                <taxesTotalConverted currency="LTL">
                        <note>Total Tax (LTL)</note>
                        <value>0.00</value>
                </taxesTotalConverted>
        </taxesTotal>
        <deposit>
                <depositConverted currency="USD">
                        <note>Deposit (USD)</note>
                        <value>14.13</value>
                </depositConverted>
                <depositConverted currency="GBP">
                        <note>Deposit (GBP)</note>
                        <value>8.80</value>
                </depositConverted>
```

```xml
                  <depositConverted currency="EUR">
                          <note>Deposit (EUR)</note>
                          <value>10.78</value>
                  </depositConverted>
                  <depositConverted currency="LTL">
                          <note>Deposit (LTL)</note>
                          <value>35.40</value>
                  </depositConverted>
          </deposit>
          <depositPercent>10</depositPercent>
          <bookingFee>
                  <bookingFeeConverted currency="USD">
                          <note>Service Charge (USD)</note>
                          <value>2.00</value>
                  </bookingFeeConverted>
                  <bookingFeeConverted currency="GBP">
                          <note>Service Charge (GBP)</note>
                          <value>1.00</value>
                  </bookingFeeConverted>
                  <bookingFeeConverted currency="EUR">
                          <note>Service Charge (EUR)</note>
                          <value>1.50</value>
                  </bookingFeeConverted>
                  <bookingFeeConverted currency="LTL">
                          <note>Service Charge (LTL)</note>
                          <value>5.53</value>
                  </bookingFeeConverted>
          </bookingFee>
          <billTotal>
                  <billTotalConverted currency="USD">
                          <note>Charge on Card (Service Charge + Deposit) (USD)</note>
                          <value>16.13</value>
                  </billTotalConverted>
                  <billTotalConverted currency="GBP">
                          <note>Charge on Card (Service Charge + Deposit) (GBP)</note>
                          <value>9.80</value>
                  </billTotalConverted>
                  <billTotalConverted currency="EUR">
                          <note>Charge on Card (Service Charge + Deposit) (EUR)</note>
                          <value>12.28</value>
                  </billTotalConverted>
                  <billTotalConverted currency="LTL">
                          <note>Charge on Card (Service Charge + Deposit) (LTL)</note>
                          <value>40.93</value>
                  </billTotalConverted>
          </billTotal>
          <amountDue>
                  <amountDueConverted currency="USD">
                          <note>The remainder of the amount due will be charged to your credit card (USD)</note>
                          <value>127.20</value>
                  </amountDueConverted>
                  <amountDueConverted currency="GBP">
                          <note>The remainder of the amount due will be charged to your credit card (GBP)</note>
                          <value>79.23</value>
                  </amountDueConverted>
                  <amountDueConverted currency="EUR">
                          <note>The remainder of the amount due will be charged to your credit card (EUR)</note>
                          <value>96.98</value>
                  </amountDueConverted>
                  <amountDueConverted currency="LTL">
                          <note>The remainder of the amount due will be charged to your credit card (LTL)</note>
                          <value>318.60</value>
                  </amountDueConverted>
          </amountDue>
          <creditCardTypes>
                  <cardType>Mastercard</cardType>
                  <cardType>Visa</cardType>
          </creditCardTypes>
          <debitCardTypes>
                  <cardType>Visa Electron</cardType>
                  <cardType>JCB</cardType>
                  <cardType>Laser</cardType>
                  <cardType>Maestro UK</cardType>
                  <cardType>Visa Debit</cardType>
          </debitCardTypes>
          <CardInfo>
                  <card>
                          <type>Credit</type>
```

```xml
                        <name>Mastercard</name>
                        <currency>USD</currency>
                        <issueNO>0</issueNO>
                        <validFrom>0</validFrom>
                </card>
                <card>
                        <type>Credit</type>
                        <name>Visa</name>
                        <currency>USD</currency>
                        <issueNO>0</issueNO>
                        <validFrom>0</validFrom>
                </card>
                <card>
                        <type>Debit</type>
                        <name>Visa Electron</name>
                        <currency>GBP</currency>
                        <issueNO>0</issueNO>
                        <validFrom>0</validFrom>
                </card>
                <card>
                        <type>Debit</type>
                        <name>JCB</name>
                        <currency>GBP</currency>
                        <issueNO>0</issueNO>
                        <validFrom>0</validFrom>
                </card>
                <card>
                        <type>Debit</type>
                        <name>Laser</name>
                        <currency>EUR</currency>
                        <issueNO>0</issueNO>
                        <validFrom>0</validFrom>
                </card>
                <card>
                        <type>Debit</type>
                        <name>Maestro UK</name>
                        <currency>GBP</currency>
                        <issueNO>1</issueNO>
                        <validFrom>1</validFrom>
                </card>
                <card>
                        <type>Debit</type>
                        <name>Visa Debit</name>
                        <currency>USD</currency>
                        <issueNO>0</issueNO>
                        <validFrom>0</validFrom>
                </card>
        </CardInfo>
        <checkInTime earliest="0" latest="23"></checkInTime>
        <BSID size="2">
                <note>This is your Session ID. Please pass it as BSID to this script if you call it again, and
to all scripts after
                        this one in the booking process.
                </note>
                <value>XS:126-140507772594ZslZQLo12VfkUQHcuqAqHXkaNQhOAWk</value>
        </BSID>
        <termsAndConditions>
                <note>Please read and accept the Terms and Conditions before proceeding to book.</note>
                <value>With all Bookings we will do a PRE AUTHORIZATION on Credit Cards - this will put a
'shadow' on the amount you owe for the first Night. You can still pay by Cash or Card on arrival.</value>
        </termsAndConditions>
        <thingsToNote>The deposit and service charge are required now to confirm and guarantee your
reservation, the remainder is due on arrival at the hostel.</thingsToNote>
</response>
```

JSON

```json
{
        "api": {
                "status": "Success",
                "callsremaining": 0,
                "version": "1.1.x.x"
        },
        "result": {
                "BSID": "XS:126-1405077392ZVFwWLTGuUPfgoP658CB851TYhSr6FG9M",
                "availablePayment": [
                        "debitCard",
                        "creditCard",
```

```
                        "paypal"
                ],
                "debitCards": [
                        {
                                "Name": "Visa Electron",
                                "Type": "Debit",
                                "Currency": "GBP",
                                "IssueNumber": 0,
                                "ValidFrom": 0,
                                "ExtraCharge": 1
                        },
                        {
                                "Name": "JCB",
                                "Type": "Debit",
                                "Currency": "GBP",
                                "IssueNumber": 0,
                                "ValidFrom": 0,
                                "ExtraCharge": 1
                        },
                        {
                                "Name": "Laser",
                                "Type": "Debit",
                                "Currency": "EUR",
                                "IssueNumber": 0,
                                "ValidFrom": 0,
                                "ExtraCharge": 1
                        },
                        {
                                "Name": "Maestro UK",
                                "Type": "Debit",
                                "Currency": "GBP",
                                "IssueNumber": 1,
                                "ValidFrom": 1,
                                "ExtraCharge": 1
                        },
                        {
                                "Name": "Visa Debit",
                                "Type": "Debit",
                                "Currency": "USD",
                                "IssueNumber": 0,
                                "ValidFrom": 0,
                                "ExtraCharge": 0
                        }
                ],
                "creditCards": [
                        {
                                "Name": "Mastercard",
                                "Type": "Credit",
                                "Currency": "USD",
                                "IssueNumber": 0,
                                "ValidFrom": 0,
                                "ExtraCharge": 0
                        },
                        {
                                "Name": "Visa",
                                "Type": "Credit",
                                "Currency": "USD",
                                "IssueNumber": 0,
                                "ValidFrom": 0,
                                "ExtraCharge": 0
                        }
                ],
                "checkInTime": {
                        "earliest": 0,
                        "latest": 23
                },
                "depositPercent": 10,
                "BookingFee": {
                        "USD": {
                                "value": "2.00",
                                "note": "Service Charge (USD)"
                        },
                        "GBP": {
                                "value": "1.00",
                                "note": "Service Charge (GBP)"
                        },
                        "EUR": {
                                "value": "1.50",
```

```
                                "note": "Service Charge (EUR)"
                        },
                        "LTL": {
                                "value": "5.53",
                                "note": "Service Charge (LTL)"
                        }
                },
                "BillTotal": {
                        "USD": {
                                "value": "16.13",
                                "note": "Charge on Card (Service Charge + Deposit) (USD)"
                        },
                        "GBP": {
                                "value": "9.80",
                                "note": "Charge on Card (Service Charge + Deposit) (GBP)"
                        },
                        "EUR": {
                                "value": "12.28",
                                "note": "Charge on Card (Service Charge + Deposit) (EUR)"
                        },
                        "LTL": {
                                "value": "40.93",
                                "note": "Charge on Card (Service Charge + Deposit) (LTL)"
                        }
                },
                "Deposit": {
                        "USD": {
                                "value": "14.13",
                                "note": "Deposit (USD)"
                        },
                        "GBP": {
                                "value": "8.80",
                                "note": "Deposit (GBP)"
                        },
                        "EUR": {
                                "value": "10.78",
                                "note": "Deposit (EUR)"
                        },
                        "LTL": {
                                "value": "35.40",
                                "note": "Deposit (LTL)"
                        }
                },
                "AmountDue": {
                        "USD": {
                                "value": "127.20",
                                "note": "The remainder of the amount due will be charged to your credit card
(USD)"
                        },
                        "GBP": {
                                "value": "79.23",
                                "note": "The remainder of the amount due will be charged to your credit card
(GBP)"
                        },
                        "EUR": {
                                "value": "96.98",
                                "note": "The remainder of the amount due will be charged to your credit card
(EUR)"
                        },
                        "LTL": {
                                "value": "318.60",
                                "note": "The remainder of the amount due will be charged to your credit card
(LTL)"
                        }
                },
                "BedsTotal": {
                        "USD": {
                                "value": "141.33",
                                "note": "Total (USD)"
                        },
                        "GBP": {
                                "value": "88.03",
                                "note": "Total (GBP)"
                        },
                        "EUR": {
                                "value": "107.76",
                                "note": "Total (EUR)"
                        },
```

```
                  "LTL": {
                          "value": "354.00",
                          "note": "Total (LTL)"
                  }
          },
          "TaxesTotal": {
                  "USD": {
                          "value": "0.00",
                          "note": "Total Tax (USD)"
                  },
                  "GBP": {
                          "value": "0.00",
                          "note": "Total Tax (GBP)"
                  },
                  "EUR": {
                          "value": "0.00",
                          "note": "Total Tax (EUR)"
                  },
                  "LTL": {
                          "value": "0.00",
                          "note": "Total Tax (LTL)"
                  }
          },
          "currency": "LTL",
          "propertyCurrency": "LTL",
          "settleCurrency": "LTL",
          "userWarnings": {
                  "8": "A Deluxe Twin Private Ensuite sleeps 2 so to book this room for 1, you must still
pay for the equivalent of 2 people."
          },
          "roomTypes": [
                  {
                          "code": "x2_Private_1_DELUXE__",
                          "beds": "2",
                          "guestIncrement": "2",
                          "basicType": "Private",
                          "extendedType": "",
                          "label": "DELUXE",
                          "ensuite": "1",
                          "description": "Deluxe Twin Private Ensuite",
                          "isPrivate": 1,
                          "availability": {
                                  "2014-08-20": [
                                          {
                                                  "beds": "2",
                                                  "price": {
                                                          "USD": "23.56",
                                                          "GBP": "14.67",
                                                          "EUR": "17.96",
                                                          "LTL": "59.00"
                                                  }
                                          }
                                  ],
                                  "2014-08-21": [
                                          {
                                                  "beds": "2",
                                                  "price": {
                                                          "USD": "23.56",
                                                          "GBP": "14.67",
                                                          "EUR": "17.96",
                                                          "LTL": "59.00"
                                                  }
                                          }
                                  ],
                                  "2014-08-22": [
                                          {
                                                  "beds": "2",
                                                  "price": {
                                                          "USD": "23.56",
                                                          "GBP": "14.67",
                                                          "EUR": "17.96",
                                                          "LTL": "59.00"
                                                  }
                                          }
                                  ]
                          }
                  }
          ],
```

```
        "TermsAndConditions": "With all Bookings we will do a PRE AUTHORIZATION on Credit Cards - this
will put a 'shadow' on the amount you owe for the first Night.  You can still pay by Cash or Card on arrival.",
            "thingsToNote": "The deposit and service charge are required now to confirm and guarantee your
reservation, the remainder is due on arrival at the hostel."
        }
}
```

Cancel Booking

Purpose
This call will return a list of all available currencies in XSAPI.

CODE: cancelbooking

URL
https://[server]/[ver]/**cancelbooking**.[format]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
CustomerEmail	Email address of the customer.	String
CustID	If customer ID is provided, XSAPI will just return specified customer booking details.	Integer

Example Request

http://affiliate.xsapi.webresint.com/1.1/cancelbooking.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776

Response Parameters

Parameter	Description	Type
cancellationResult	General result of operation.	String

Example Response

XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <api status="Success" callsremaining="1" version="1.2.44.0"/>
  <result>
    <cancellationResult>Booking cancelled</cancellationResult>
  </result>
</response>
```

JSON

```
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.2.44.0"
  },
  "result": {
    "cancellationResult": "Booking cancelled",
  }
}
```

Common Errors

Code	Description
1022	Booking already cancelled.
2501	Unable to cancel selected booking. **IMPORTANT**: Due booking cancellation policy properties determine up to how many days before arrival customer is able to cancel booking.
2502	Invalid Customer Email provided.

Latest Updated Properties

Purpose

This call will return a list of recently updated properties. It will contain the ID of each property that had been modified. To retrieve the updated details of the property please use **PropertyInformation** call.

IMPORTANT NOTE:

This call is considered **deprecated** and relying on its functionality is highly discouraged. Please refer to the PropertiesInforamtion call instead which is considered to be an improved version of this call. LastUpdatedProperties call will not be available in the XSAPI and will be removed from this documentation shortly.

CODE: lastupdatedproperties

URL

https://[server]/[ver]/**latestupdatedproperties**.[format]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
DateStart	Date in the past indicating a beginning of the search range for modified properties. The response will contain list of Property ID's modified since that day.	ISO 8601 date

Example Request

http://affiliate.xsapi.webresint.com/1.1/lastupdatedproperties.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&DateStart=2010-10-20

Response Parameters

Parameter	Description	Type
properties	Container for general result of properties IDs	Object
#count	Number of modified properties returned in this call	String
#updatedDateStart	Date in the past indicating a beginning of the search range	String
#updatedDateEnd	Date indicating the end of the search range	String
property	Contains the ID of the property that has been modified	String

Example Response

XML

```
<response>
 <api status="Success" callsremaining="1" version="1.1"/>
 <properties count="2" updatedDateStart="2011-05-15" updateDateEnd="2011-05-16">
   <property id="1234"/>
   <property id="83747"/>
 </properties>
</response>
```

JSON

```
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
  },
  "result": {
    "ResultCount": 2,
    "DateStart": "2011-05-15",
    "DateEnd": "2011-05-16",
    "properties": ["1234","83747"]
  }
}
```

Country Price List

Purpose
This call returns the list of minimum and average prices for all room types for all the cities of the specified country.

CODE: countrypricelist

URL
https://[server]/[ver]/**countrypricelist**.[format]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
Country	Country from which cities are returned	*String*
Currency	Currency data should be returned in. If not specified all figures will be given in Euros. A maximum of 5 currencies cand be specified at a time	*Three-character ISO currency code [optional]*
Language	City names will be translated in the specified language. If translation is not provided, the English version will be returned.	*Enum: specified language (see Supported Languages section) [Optional] Default is English*

Example Request
http://affiliate.xsapi.webresint.com/1.1/countrypricelist.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&Country=Italy&Currency=GBP,EUR&Language=Italian

Response Parameters

Parameter	Description	Type
Country	Container with details for the country	Object
#code	Country name in English	String
#currency	Currency for all prices displayed	three-character ISO currency code
cities	Container with all cities in that country	Object
city	Container for city prices	Object
#code	City name in English	String
#name	Translated city name.	String
minPrivate	Container for the cheapest price for a private bed	Object
price	Cheapest price for a private bed	Decimal
#currency	Currency of the cheapest price for a private bed	three-character ISO currency code
avgPrivate	Container for average price for a private bed	Object
price	Average price for a private bed	Decimal
#currency	Currency of the average price for a private bed	three-character ISO currency code
minDorm	Container of cheapest price for a dorm bed	Object
price	Cheapest price for a dorm bed	Decimal
#currency	Currency of the cheapest price for a dorm bed	three-character ISO currency code
avgDorm	Container of average price for a dorm bed	Object
price	Average price for a dorm bed	Decimal
#currency	Currency of the average price for a dorm bed	three-character ISO currency code

Example Response

XML

```xml
<response>
  <api status="Success" callsremaining="1" version="1.1"/>
    <country code="Italy" currency="GBP">
    <cities>
      <city code="Florence" name="Firenze">
        <minPrivate>
          <price currency="GBP">4.91</price>
          <price currency="EUR">5.29</price>
        </minPrivate>
        <avgPrivate>
          <price currency="GBP">60.19</price>
          <price currency="EUR">64.84</price>
        </avgPrivate>
        <minDorm>
          <price currency="GBP">7.42</price>
          <price currency="EUR">7.99</price>
        </minDorm>
        <avgDorm>
          <price currency="GBP">8.80</price>
          <price currency="EUR">9.47</price>
        </avgDorm>
      </city>
      <city code="Rome" name="Roma">
        <minPrivate>
          <price currency="GBP">17.55</price>
          <price currency="EUR">18.90</price>
        </minPrivate>
        <avgPrivate>
          <price currency="GBP">36.46</price>
          <price currency="EUR">39.27</price>
        </avgPrivate>
        <minDorm>
          <price currency="GBP">17.55</price>
          <price currency="EUR">18.90</price>
        </minDorm>
        <avgDorm>
          <price currency="GBP">17.55</price>
          <price currency="EUR">18.90</price>
        </avgDorm>
      </city>
      …
    </cities>
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
  },
  "result": {
    "Country": "Italy",
    "Currency": "GBP",
    "Cities": {
      "Florence": {
        "Name": "Firenze",
        "MinPrivate": {
          "GBP": "    ",
          "EUR": "5.29"
        },
        "AvgPrivate": {
          "GBP": "60.19",
          "EUR": "64.84"
        },
        "MinDorm": {
          "GBP": "7.42",
          "EUR": "7.99"
        },
        "AvgDorm": {
          "GBP": "8.80",
          "EUR": "9.47"
        }
```

```
      },
      "Rome": {
        "Name": "Roma",
        "MinDorm": {
          "GBP": "17.55",
          "EUR": "18.90"
        },
        "AvgDorm": {
          "GBP": "17.55",
          "EUR": "18.90"
        },
        "MinPrivate": {
          "GBP": "17.55",
          "EUR": "18.90"
        },
        "AvgPrivate": {
          "GBP": "36.46",
          "EUR": "39.27"
        }
      },
      …
    }
  }
}
```

City Country List By Id

Purpose

This call is used to retrieve all cities with hostels available to be booked within particular country. It's not part of the booking process. This call is to help present list of available cities within country.

CODE: citycountrylistbyid

URL

https://[*server*]/[*ver*]/**citycountrylistbyid**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
Language	Language in which list of cities is to be returned	String [Optional]
CountryNO	Country Number from which cities are returned	String [Optional]

Response Parameters

Parameter	Description	Type
Countries	Container holding all returned Countries	Object
CountryNO	Country Number in HW Database	Integer
Country	Full translated country name	String
Continent	Full translated name of Continent on which Country is located	String
Cities	Container with all cities in that country	Object
CityNO	City Number in HW Database	Integer
City	Full translated city name	String

Example Response

XML

```
<response>
 <api status="Success" callsremaining="1" version="1.0"/>
 <result>
  <Countries>
    <CountryNO>151</CountryNO>
    <Country>New Zealand</Country>
    <Continent>Oceania</Continent>
    <Cities>
     <CityNO>198</CityNO>
     <City>Wellington</Name>
    </Cities>
    …
  </Countries>
  <ResultCount>172</ResultCount>
 </result>
</response>
```

JSON

```
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
  },
  "result": {
    "Countries": {
      "CountryNO": "151",
      "Country": "New Zealand",
      "Continent": "Oceania",
      "Cities": [
        {
```

```
                "CityNO": "198",
                "City": "Wellington"
            }
            …
        ]
    },
    "ResultCount": 1
  }
}
```

Property Availability Search

Purpose
This call allows to search availability for selected dates in the list of properties specified by partner.

NOTE: Please refer to '**Seasonal nights rules**' section at the top of this documentation for implementation guidelines.

CODE: propertyavailabilitysearch

URL
https://[*server*]/[*ver*]/**propertyavailabilitysearch**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
PropertyNumbers	List of coma separated property numbers. Availability will be returned for each property regardless of the city / country.	*Coma separated list of property numbers*
CityNO	The CityNO can be used to limit the results to only show properties located in this city.	*Integer (optional)*
CountryNO	The CountryNO can be used to limit the results to only show properties located in this country.	*Integer (optional)*
DateStart	The start of the range	*ISO 8601 date*
DateEnd	The end of the range	*ISO 8601 date [only required if NumNights not specified]*
NumNights	The number of nights the guest wishes to stay	*Integer [only required when DateEnd not specified]*
PropertyTypes	For filtering results so only certain property types are returned for your search,	*Enum: HOSTEL, HOTEL, GUESTHOUSE, CAMPSITE and APARTMENT [allowed multiple values, comma separated]*
Currency	Currencies prices should be returned in. If not specified all results will be returned in default currency.	*Three-character ISO currency code or coma separated list of*
ShowRoomTypeInfo	Whether to include room type information Note: This field works based on bitwise conjunction, which means it's possible to set up different flags same time by summing the values, for example: d) Looking for all available rooms and total prices, It's required to pass value `65` (1 + 64); e) Looking for only fully bookable rooms, It's required to pass `2`; f) Looking for fully bookable rooms and total prices, It's required to pass `66` (2 + 64). g) Looking for fully bookable rooms, without property seasonal violations, and total prices, It's required to pass `322` (2 + 256 + 64). h) Looking for fully bookable private rooms, without property seasonal violations, and total prices, It's required to pass `834` (2 + 512 + 256 + 64).	*Integer [Optional]* *Default is '0'* *Flags:* *0 – off* *1 – all available rooms* *2 – only fully bookable* *64 – include room type prices breakdown including:* • *total base price for search period* • *total booking fees* • *total taxes* • *total final price* *256 – rooms without property seasonal violations* *512 – display private rooms only*
Language	Translation the key information is preferred to be retrieved in. If translation is not provided English version will be returned.	*Enum: specified language (see Supported Languages section) [Optional] Default is English*
Language	Language in which results are to be translated	*three-character ISO currency code*
Latitude	Latitude of a user's location	*Decimal [Optional]*
Longitude	Longitude of a user's location	*Decimal [Optional]*

GroupSearch	Parameter to indicate this is group search. Results will be filtered depending on values specified in GroupType and GroupSize (whether property accepts such groups).	*0/1 [Optional]* *Default is '0'*
GroupType	Indicate group character	*Enum:* *1 – Holiday with Friends* *2 – Junior / Primary School* *3 – High / Secondary School* *4 – College / University* *5 – Business Trip* *6 – Stag/Hen/Bachelor Party* *7 – Sports Group* *8 – Cultural Group* *[Optional/Obligatory – depending on GroupSearch switch]*
GroupAgeRanges	Indicate group age ranges. Possible to specify multiple values by separating them with commas	*Enum:* *1 - 0-12* *2 - 12-18* *3 - 18-21* *4 - 21-35* *5 - 35-50* *6 - 50+* *[Optional/Obligatory – depending on GroupSearch switch]*
GroupSize	Number of people in group	*Integer* *[Optional/Obligatory – depending on GroupSearch switch]* *Number of people in group can't be less than 8.*
ShowFacilitiesInfo	If this parameter is passed with value '1' , XSAPI will include facilities list for each property.	*0/1 [Optional]* *Default is '0'*

Example Request

http://affiliate.xsapi.webresint.com/1.1/propertyavailabilitysearch.json&consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&PropertyNumbers=100,101&DateStart=2011-02-20&NumNights=2&Currency=EUR,USD&ShowRoomTypeInfo=1

Response Parameters

Parameter	Description	Type
api	API Object	Object
results	Container for results	Object
#total	Total number of results available	Integer
#count	Number of results in this response	Integer
#currency	Currencies in which all results are returned	three-character ISO currency code or coma separated list of
property	Container for single property returned	Object
#number	Number of property	Integer
name	Name of the hostel	String
Address1	Hostel's Address line 1	String
Address2	Hostel's Address line 2	String [optional]
minNights	Minimum number of nights can be booked	Integer
maxNights	Maximum number of nights can be booked	Integer
type	Type of property	Enum: HOSTEL, HOTEL, GUESTHOUSE, CAMPSITE and APARTMENT
taxinfo	Property tax information	Object
#currency	Currency of the property tax information	three-character ISO currency code
subtax	Value of a single tax type	Decimal
#type	Tax type description	String
maxPax	Max number of people staying on one booking	Integer
shortDescription	Short description of hostel	String

starRating	Star rating	Integer
avgRating	The property's rating	Integer
bedPrices	Container for prices of beds	Object
cheapestDorm	Container for cheapest price for dorm bed	Object [optional]- *present if property has dorm rooms available
price	Cheapest price for dorm bed	Decimal
#currency	Currency of the cheapest price for dorm bed	three-character ISO currency code
cheapestPrivate	Container for Cheapest Price for Private bed	Object [optional]- *present if property has private rooms available
price	Cheapest price for private bed	Decimal
#currency	Currency of the cheapest price for private bed	three-character ISO currency code
availableDates	Container for dates any bed is available	Object
date	Date on which hostel has available beds	ISO 8601 date
roomTypes	Container for room type results	Object
roomType	Container for one room type	Object
#code	Unique code for room type within property	String
#beds	Number of beds in room type	Integer
#ensuite	Whether or not the room type has an ensuite	Integer
#description	Descriptive name of room type	String
#isPrivate	Whether or not the room type is a private room	Integer
#refundable	Whether or not the room type price is refundable	Integer
total	Container for all total prices	Object
price	Total base price for particular roomType	Object
bookingFee	Total booking fee for particular roomType	Object
taxes	Total taxes for particular roomType	Object
finalPrice	Total final price for particular roomType	Object
night	Container for all prices and availability for specific date	Object
#date	Date which is covered in this element	ISO 8601 date
bedPrice	Container for prices and number of beds at that price	Object
#beds	Number of beds	Integer
price	Container for price beds are available at	Decimal
#currency	Currency of bed price	three-character ISO currency code
images	Container for property images	Object
image	Image container	Object
width	Width of image	Integer
height	Height of image	Integer
url	Url of image	String
geo	Container for geo information	Object
longitute	Geo latitute	Float
latitude	Geo latitude	Float
facilities	Container for facilities list. Available only if ShowFacilitiesInfo parameter is provided.	Object [optional]
facility	Facility available in property	String

Example Response

XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <api status="Success" callsremaining="1" version="1.2.130.0"/>
  <results total="1" count="1" currency="AUD,CAD,EUR,GBP,USD">
    <property number="101">
      <name>Avalon House</name>
      <address1>55 Aungier Street</address1>
      <address2>Dublin 2</address2>
      <minNights>1</minNights>
```

```xml
        <maxNights>31</maxNights>
        <depositPercent>13</depositPercent>
        <type>HOSTEL</type>
        <taxinfo currency="AUD">
          <subtax type="sales_percentage"></subtax>
          <subtax type="per_person_per_night_fixed"></subtax>
          <subtax type="per_person_per_night_percentage"></subtax>
          <subtax type="per_person_per_stay_fixed"></subtax>
          <subtax type="per_person_per_stay_percentage"></subtax>
          <subtax type="per_room_per_night_fixed"></subtax>
          <subtax type="per_room_per_night_percentage"></subtax>
          <subtax type="per_room_per_stay_fixed"></subtax>
          <subtax type="per_room_per_stay_percentage"></subtax>
        </taxinfo>
        <maxPax>8</maxPax>
        <shortDescription>Are you looking for cheap, clean and secure accommodation close to everything in Dublin
city centre? Avalon House is A proud member of Europe's Famous Hostels, we are located just minutes' walk from
Trinity College, Temple Bar and St. Stephen's Green..

We offer a variety of rooms, from 12-person</shortDescription>
        <avgRating>82</avgRating>
        <bedPrices>
          <cheapestDorm>
            <price currency="AUD">16.27</price>
            <price currency="CAD">15.22</price>
            <price currency="EUR">10.00</price>
            <price currency="GBP">8.95</price>
            <price currency="USD">11.56</price>
          </cheapestDorm>
          <cheapestPrivate>
            <price currency="AUD">24.40</price>
            <price currency="CAD">22.83</price>
            <price currency="EUR">15.00</price>
            <price currency="GBP">13.42</price>
            <price currency="USD">17.33</price>
          </cheapestPrivate>
        </bedPrices>
        <availableDates>
          <date>2018-11-01</date>
        </availableDates>
        <roomTypes>
          <roomType code="x1_Private_1___" beds="1" guestIncrement="1" basicType="Private" extendedType = ""
label="" ensuite="1" description="Single Private Ensuite" isPrivate="1" refundable="1">
            <total>
              <price>
                <price currency="AUD">48.80</price>
                <price currency="CAD">45.66</price>
                <price currency="EUR">30.00</price>
                <price currency="GBP">26.84</price>
                <price currency="USD">34.67</price>
              </price>
              <bookingFee>
                <price currency="AUD">3.02</price>
                <price currency="CAD">2.82</price>
                <price currency="EUR">1.50</price>
                <price currency="GBP">1.00</price>
                <price currency="USD">2.00</price>
              </bookingFee>
              <taxes>
                <price currency="AUD">0.00</price>
                <price currency="CAD">0.00</price>
                <price currency="EUR">0.00</price>
                <price currency="GBP">0.00</price>
                <price currency="USD">0.00</price>
              </taxes>
              <finalPrice>
                <price currency="AUD">51.82</price>
                <price currency="CAD">48.48</price>
                <price currency="EUR">31.50</price>
                <price currency="GBP">27.84</price>
                <price currency="USD">36.67</price>
              </finalPrice>
            </total>
            <nights>
              <night date="2018-11-01" beds="2">
                <price currency="AUD">48.80</price>
                <price currency="CAD">45.66</price>
                <price currency="EUR">30.00</price>
```

```xml
                    <price currency="GBP">26.84</price>
                    <price currency="USD">34.67</price>
                  </night>
                </nights>
              </roomType>
          </roomTypes>
          <images>
            <image>
              <width>150</width>
              <height>100</height>
              <url>http://a.hwstatic.com/propertyimages/1/101/1_s.jpg</url>
            </image>
          </images>
          <geo>
            <longitude>-6.2661767</longitude>
            <latitude>53.3394193</latitude>
          </geo>
        </property>
        <cityGeo>
          <latitude></latitude>
          <longitude></longitude>
        </cityGeo>
      </results>
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.2.130.0"
  },
  "result": {
    "Properties": [
      {
        "name": "Avalon House",
        "number": "101",
        "address1": "55 Aungier Street",
        "address2": "Dublin 2",
        "minNights": "1",
        "maxNights": "31",
        "depositPercent": 13,
        "type": "HOSTEL",
        "starRating": null,
        "avgRating": 82,
        "maxPax": "8",
        "bedPrices": {
          "cheapestDorm": {
            "AUD": "16.27",
            "CAD": "15.22",
            "EUR": "10.00",
            "GBP": "8.95",
            "USD": "11.56"
          },
          "cheapestPrivate": {
            "AUD": "24.40",
            "CAD": "22.83",
            "EUR": "15.00",
            "GBP": "13.42",
            "USD": "17.33"
          }
        },
        "availableDates": [
          "2018-11-01"
        ],
        "shortDescription": "Are you looking for cheap, clean and secure accommodation close to everything in Dublin city centre? Avalon House is A proud member of Europe's Famous Hostels, we are located just minutes' walk from Trinity College, Temple Bar and St. Stephen's Green..\r\n\r\nWe offer a variety of rooms, from 12-person",
        "images": [
          {
            "width": 150,
            "height": 100,
            "url": "http://a.hwstatic.com/propertyimages/1/101/1_s.jpg"
          }
        ],
        "geo": {
```

```
          "longitude": "-6.2661767",
          "latitude": "53.3394193"
        },
        "taxinfo": {
          "AUD": {
            "sales_percentage": "",
            "per_person_per_night_fixed": "",
            "per_person_per_night_percentage": "",
            "per_person_per_stay_fixed": "",
            "per_person_per_stay_percentage": "",
            "per_room_per_night_fixed": "",
            "per_room_per_night_percentage": "",
            "per_room_per_stay_fixed": "",
            "per_room_per_stay_percentage": ""
          }
        },
        "roomTypes": [
          {
            "code": "x1_Private_1___",
            "beds": "1",
            "guestIncrement": "1",
            "basicType": "Private",
            "extendedType": "",
            "label": "",
            "ensuite": "1",
            "description": "Single Private Ensuite",
            "isPrivate": 1,
            "refundable": 1,
            "total": {
              "price": {
                "AUD": "48.80",
                "CAD": "45.66",
                "EUR": "30.00",
                "GBP": "26.84",
                "USD": "34.67"
              },
              "bookingFee": {
                "AUD": "3.02",
                "CAD": "2.82",
                "EUR": "1.50",
                "GBP": "1.00",
                "USD": "2.00"
              },
              "taxes": {
                "AUD": "0.00",
                "CAD": "0.00",
                "EUR": "0.00",
                "GBP": "0.00",
                "USD": "0.00"
              },
              "finalPrice": {
                "AUD": "51.82",
                "CAD": "48.48",
                "EUR": "31.50",
                "GBP": "27.84",
                "USD": "36.67"
              }
            },
            "availability": {
              "2018-11-01": [
                {
                  "beds": 2,
                  "price": {
                    "AUD": "48.80",
                    "CAD": "45.66",
                    "EUR": "30.00",
                    "GBP": "26.84",
                    "USD": "34.67"
                  }
                }
              ]
            }
          }
        ]
      }
    ],
    "ResultCount": 1,
    "ResultTotal": 1,
```

```
    "Currency": "AUD,CAD,EUR,GBP,USD"
  }
}
```

Get Booking Details

Purpose
This API call provides access to Hostelworld accommodation bookings made by your customer via your affiliate account.

CODE: getbookingdetails

URL
https://[*server*]/[*ver*]/**getbookingdetails**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
CustomerEmail	Email address of the customer.	String
CustID	If customer ID is provided, XSAPI will just return specified customer booking details.	Integer [optional]
CustIDs	If comma separated customer IDs are provided, XSAPI will just return specified customer bookings details.	Integer [optional]

Example Request
http://affiliate.xsapi.webresint.com/1.1/getbookingdetails.json&consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776

Response Parameters

Parameter	Description	Type
api	API Object	Object
results	Container for results	Object
#total	Total number of results available	Integer
#count	Number of results in this response	Integer
#currency	Currencies in which all results are returned	three-character ISO currency code or coma separated list of

Example Response

XML

```xml
<?xml version="1.0" encoding="utf-8" standalone="yes"?>
<response>
  <api status="Success" callsremaining="1" version="1.1.32.0" />
  <result name="Avalon House" number="101"
  address1="55 Aungier Street" address2="Dublin 2" minNights="1"
  maxNights="31" type="HOSTEL" starRating="" avgRating="83"
  maxPax="8"
  shortDescription="Are you looking for cheap, clean and secure accommodation close to everything in Dublin
city centre? Avalon House is located just minutes' walk from Trinity College, Temple Bar and St. Stephen's
Green.&amp;#13;&amp;#10;&amp;#13;&amp;#10;We offer a variety of rooms, from 12-person dorms, 6- and 4-person
rooms, singles and twins, wi">
    <Properties width="150" height="100"
    url="http://images.hostelworld.com.test.webresint.com/propertyimages/5/504/1_s.jpg">
      <name>St Christopher's Oasis</name>
      <number>504</number>
      <address1>59 Borough High Street</address1>
      <address2></address2>
      <minNights>1</minNights>
      <maxNights>14</maxNights>
      <type>HOSTEL</type>
      <starRating />
      <avgRating>76</avgRating>
      <maxPax>8</maxPax>
      <bedPrices>
        <cheapestDorm>
          <USD>31.59</USD>
        </cheapestDorm>
        <cheapestPrivate>
          <USD>44.89</USD>
```

```
          </cheapestPrivate>
        </bedPrices>
        <availableDates>1</availableDates>
        <shortDescription>This is the St-Christopher's Female only
        hostel, situated on the same street as our famous party
        hostel The Village. The Oasis offers a quieter, more relaxed
        place to stay while still in the hustle and bustle of central
        London. All Oasis guests have full access to all the
        facilities we offer at The</shortDescription>
        <geo>
          <longitude>-0.0908517</longitude>
          <latitude>51.5040011</latitude>
        </geo>
      </Properties>
    <ResultCount>2</ResultCount>
    <ResultTotal>2</ResultTotal>
    <Currency>USD</Currency>
  </result>
</response>
```

JSON

```
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1.32.0"
  },
  "result": {
    "Properties": [
      {
        "name": "Avalon House",
        "number": "101",
        "address1": "55 Aungier Street",
        "address2": "Dublin 2",
        "minNights": "1",
        "maxNights": "31",
        "type": "HOSTEL",
        "starRating": null,
        "avgRating": 83,
        "maxPax": "8",
        "bedPrices": {
          "cheapestDorm": {
            "USD": "0.00"
          },
          "cheapestPrivate": {
            "USD": "0.00"
          }
        },
        "availableDates": {
          "1": 1
        },
        "shortDescription": "Are you looking for cheap, clean and secure accommodation close to everything in
Dublin city centre? Avalon House is located just minutes' walk from Trinity College, Temple Bar and St.
Stephen's Green.\r\n\r\nWe offer a variety of rooms, from 12-person dorms, 6- and 4-person rooms, singles and
twins, wi",
        "images": [
          {
            "width": 150,
            "height": 100,
            "url": "http://images.hostelworld.com.test.webresint.com/propertyimages/1/101/1_s.jpg"
          }
        ],
        "geo": {
          "longitude": "-6.2661767",
          "latitude": "53.3394193"
        }
      },
      {
        "name": "St Christopher's Oasis",
        "number": "504",
        "address1": "59 Borough High Street",
        "address2": "",
        "minNights": "1",
        "maxNights": "14",
        "type": "HOSTEL",
        "starRating": null,
        "avgRating": 76,
```

```json
      "maxPax": "8",
      "bedPrices": {
        "cheapestDorm": {
          "USD": "31.59"
        },
        "cheapestPrivate": {
          "USD": "44.89"
        }
      },
      "availableDates": {
        "1": 1
      },
      "shortDescription": "This is the St-Christopher's Female only hostel, situated on the same street as
our famous party hostel The Village. The Oasis offers a quieter, more relaxed  place to stay while still in the
hustle and bustle of central London. All Oasis guests have full access to all the facilities we offer at The",
      "images": [
        {
          "width": 150,
          "height": 100,
          "url": "http://images.hostelworld.com.test.webresint.com/propertyimages/5/504/1_s.jpg"
        }
      ],
      "geo": {
        "longitude": "-0.0908517",
        "latitude": "51.5040011"
      }
    }
  ],
  "ResultCount": 2,
  "ResultTotal": 2,
  "Currency": "USD"
  }
}
```

Properties Information

Purpose

This API call provides information about ALL available properties in Hostelworld Database. Result of this call contains a list of properties and each property element is identical to 'PropertyInformation' call response.

Due to large size of data returned in the response, the results are paginated and returned in batches of 100 properties per request.

NOTE: Please refer to '**Cache - Property Information**' section at the top of this documentation for implementation guidelines.

CODE: propertiesinformation

URL

https://[*server*]/[*ver*]/**propertiesinformation**.[*format*]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
PageNumber	If page number is not provided, XSAPI will just return number of all pages in result set but no actual properties will be returned.	Integer [optional]
DateStart	Date from which to check any changes in property database. Only properties modified since that date will be returned in result – very useful for daily synchronization.	Date in format 'YYYY-MM-DD' [optional]

Example Request

http://affiliate.xsapi.webresint.com/1.1/propertiesinformation.json&consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776

Response Parameters

Parameter	Description	Type
api	API Object	Object
results	Container for results	Object
PageNumber	Current Page number	Integer
PagesCount	Number of pages of entire result set from HW database (based on current filter parameters)	Integer
ResultCount	Number of properties in current response (defaults to 100 per page)	Integer
Properties	Container for array of properties. Please refer to 'PropertyInformation' call regarding the specification for fields of individual property in this response.	Object

Example Response

XML

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
    <api status="Success" callsremaining="1" version="1.1.46.0"/>
    <properties>
      <property>
        <propertyNumber>190</propertyNumber>
        <propertyName>Hostel Nina</propertyName>
        <averageRating>96</averageRating>
        <address1>Celebica 18</address1>
        <city>Mostar</city>
        <country>Bosnia And Herzegovina</country>
        <propertyType>HOSTEL</propertyType>
        <description>Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old
Bridge, providing clean and comfortable accommodation to travelers. \r\nOur hostel is situated in a quiet area,
very close to shopping areas and other communications In our hostel everything is newly renovated. Our rooms
are very large, clean and cosy with 1, 2, 3 or 4 beds. \r\nWe offer you a big kitchen and 3 newly renovated and
very clean bathrooms. During the winter we offer you heating in the room and it is free. In front of our hostel
you have big garden where you can read a book or socialize with other guests. \r\nHostel Nina is situated in a
quiet area of Old Town very close to other historical monuments, night clubs, bars... In front of the hostel is
big parking place,and it is free for our quests,for motorist and cyclist we have garage.
```

```xml
</description>
        <currency>EUR</currency>
        <geo>
            <longitude>0.0000000</longitude>
            <latitude>0.0000000</latitude>
        </geo>
        <propertyImages count="24">
            <PropertyImage>
                <imageSize>max</imageSize>
                <imageWidth>500</imageWidth>
                <imageHeight>375</imageHeight>
                <imageURL>http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1.jpg</imageURL>
            </PropertyImage>
            <PropertyImage>
                <imageSize>large</imageSize>
                <imageWidth>250</imageWidth>
                <imageHeight>163</imageHeight>
                <imageURL>http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_l.jpg</imageURL>
            </PropertyImage>
            <PropertyImage>
                <imageSize>small</imageSize>
                <imageWidth>150</imageWidth>
                <imageHeight>100</imageHeight>
                <imageURL>http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_s.jpg</imageURL>
            </PropertyImage>
        </propertyImages>
        <facilities>
            <facility>24 Hour Reception</facility>
            <facility>24 Hour Security</facility>
            <facility>Air Conditioning</facility>
            <facility>Airport Transfers</facility>
            <facility>Bicycle Parking</facility>
            <facility>Breakfast Not Included</facility>
        </facilities>
        <directions>4.7916666666667</directions>
        <email>nina@hostelnina.ba</email>
        <tel>+387 61 382 743</tel>
        <checkInTime earliest="0" latest="23"></checkInTime>
        <CityNO>5965</CityNO>
        <CountryNO>27</CountryNO>
        <locatedNear>4.7916666666667</locatedNear>
        <notes></notes>
        <starRating>0</starRating>
        <shortintro>Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old
Bridge, providing clean and comfortable accommodation to travelers.</shortintro>
        <province></province>
        <cancellationPolicy>1</cancellationPolicy>
        <prices>
            <EUR>
                <SharedMinPrice>10.90</SharedMinPrice>
                <SharedAveragePrice>10.90</SharedAveragePrice>
                <PrivateMinPrice>10.90</PrivateMinPrice>
                <PrivateAveragePrice>15.90</PrivateAveragePrice>
                <MinPrice>10.90</MinPrice>
                <AveragePrice>15.90</AveragePrice>
            </EUR>
            <USD>
                <SharedMinPrice>15.09</SharedMinPrice>
                <SharedAveragePrice>15.09</SharedAveragePrice>
                <PrivateMinPrice>15.09</PrivateMinPrice>
                <PrivateAveragePrice>22.02</PrivateAveragePrice>
                <MinPrice>15.09</MinPrice>
                <AveragePrice>22.02</AveragePrice>
            </USD>
        </prices>
    </property>
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1.46.0"
  },
  "result": {
    "PageNumber": 1,
```

```
    "PagesCount": 290,
    "ResultCount": 100,
    "Properties": [
  {
    "propertyNumber": "190",
    "propertyName": "Hostel Nina",
    "address1": "Celebica 18",
    "address2": "",
    "geo": {
      "latitude": "0.0000000",
      "longitude": "0.0000000"
    },
    "city": "Mostar",
    "CityNO": "5965",
    "country": "Bosnia And Herzegovina",
    "CountryNO": "27",
    "description": "Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old
Bridge, providing clean and comfortable accommodation to travelers. \r\n\r\nOur hostel is situated in a quiet
area, very close to shopping areas and other communications. \r\n\r\nIn our hostel everything is newly
renovated. Our rooms are very large, clean and cosy with 1, 2, 3 or 4 beds. \r\nHOSTEL NINA",
    "averageRating": 96,
    "propertyType": "HOSTEL",
    "currency": "EUR",
    "conditions": "",
    "directions": "4.7916666666667",
    "email": "nina@hostelnina.ba",
    "tel": "+387 61 382 743",
    "locatedNear": "4.7916666666667",
    "notes": "",
    "starRating": 0,
    "creationdate": "2008-02-19",
    "shortintro": "Hostel Nina is located in attractive part of Old Town only 2 minutes walk to the Old Bridge,
providing clean and comfortable accommodation to travelers. \r\n\r\nOur hostel is situated in a quiet area,
very close to shopping areas and other communications.",
    "signupsource": "www.hostelworld.com",
    "active": "1",
    "province": "",
    "cancellationPolicy": "1",
    "propertyImages": [
      {
        "imageSize": "max",
        "imageURL": "http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1.jpg",
        "imageWidth": "500",
        "imageHeight": "375"
      },
      {
        "imageSize": "large",
        "imageURL": "http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_l.jpg",
        "imageWidth": 250,
        "imageHeight": 163
      },
      {
        "imageSize": "small",
        "imageURL": "http://images.hostelworld.com.test.webresint.com/propertyimages/1/190/1_s.jpg",
        "imageWidth": 150,
        "imageHeight": 100
      }
    ],
    "facilities": [
      "24 Hour Reception",
      "24 Hour Security",
      "Air Conditioning",
      "Airport Transfers",
      "Bicycle Parking",
      "Breakfast Not Included"
    ],
    "checkInTime": {
      "earliest": 0,
      "latest": 23
    },
    "prices": {
      "EUR": {
        "SharedMinPrice": "10.90",
        "SharedAveragePrice": "10.90",
        "PrivateMinPrice": "10.90",
        "PrivateAveragePrice": "15.90",
        "MinPrice": "10.90",
        "AveragePrice": "15.90"
```

```
      },
      "USD": {
        "SharedMinPrice": "15.09",
        "SharedAveragePrice": "15.09",
        "PrivateMinPrice": "15.09",
        "PrivateAveragePrice": "22.02",
        "MinPrice": "15.09",
        "AveragePrice": "22.02"
      }
    }
  },

    …
}
```

Inactive Properties

Purpose

This call will return a list of IDs of recently deactivated properties. It will contain the ID of each property that had been recently deactivated in Hostelworld database. Some of these properties can be just temporary suspended and it's possible that they will be re-activated in the future. This call is useful for maintaining scheduled synchronisation described in 'Cache - Property Information' section at the top of this document.

CODE: inactiveproperties

URL

https://[server]/[ver]/**inactiveproperties**.[format]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
DateStart	Date in the past indicating a beginning of the search range for deactivated properties. The response will contain list of Property ID's deactivated since that day.	Date in format YYYY-MM-DD

Example Request

http://affiliate.xsapi.webresint.com/1.1/inactiveproperties.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&DateStart=2012-05-20

Response Parameters

Parameter	Description	Type
properties	Container for general result of properties IDs	Object
#Count	Number of deactivated properties returned in this call	String
#DateStart	Date in the past indicating a beginning of the search range	String
property	Contains the ID of the property that has been modified	String

Example Response

XML

```xml
<response>
 <api status="Success" callsremaining="1" version="1.1.46.0"/>
 <dateStart>2012-05-15</dateStart>
 <resultCount>2</resultCount>
 <properties>
   <propertyNumber>1234</propertyNumber>
   <propertyNumber>83747</propertyNumber>
 </properties>
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "1.1"
  },
  "result": {
    "DateStart": "2012-05-15",
    "ResultCount": 2,
    "Properties": ["1234","83747"]
  }
}
```

Common Errors

Code	Description
2084	Start date (DateStart) can not be in the future

Currencies

Purpose

This call will return a list of all available currencies in XSAPI.

CODE: currencies

URL

https://[server]/[ver]/**currencies**.[format]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
Language	Translated currency names will be returned if language parameter is specified. English names are returned by default.	String [Optional]

Example Request

http://affiliate.xsapi.webresint.com/1.1/currencies.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&DateStart=2012-05-20

Response Parameters

Parameter	Description	Type
result	Container for general result of all returned currencies	Object

Example Response

XML

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <api status="Success" callsremaining="1" version="1.1.46.0"/>
  <result>
    <EUR>Euro</EUR>
    <USD>US Dollar</USD>
    <GBP>British Pound</GBP>
    <ALL>Albanian Lek</ALL>
    <DZD>Algerian Dinar</DZD>
    <ARS>Argentine Peso</ARS>
    …
</response>
```

JSON

```json
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "DEV"
  },
  "result": {
    "EUR": "Euro",
    "USD": "US Dollar",
    "GBP": "British Pound",
    "ALL": "Albanian Lek",
    "DZD": "Algerian Dinar",
    "ARS": "Argentine Peso
    …
  }
}
```

Property Links

Purpose
This call will return a list of property links to Hostelworld site in selected language.

CODE: currencies

URL
https://[server]/[ver]/propertylinks.[format]?consumer_key=[consumer_key]&consumer_signature=[consumer_signature]&[request_parameters]

Request Parameters

Parameter	Description	Type
Language	Translated currency names will be returned if language parameter is specified. English names are returned by default.	String [Optional]
PropertyNumbers	List of coma separated property numbers. Links will be returned for each property. Please note that link to property checkout page may be generated only if exactly one property number is passed as part of this parameter.	*Coma separated list of property numbers*
DateStart	The start of the range	*ISO 8601 date*
DateEnd	The end of the range	*ISO 8601 date [only required if NumNights not specified]*
NumNights	The number of nights the guest wishes to stay	*Integer [only required when DateEnd not specified]*
RoomPreference1	Code of the room type customer wishes to book.	String [Optional]
Persons1	Number of persons wish to stay in room type defined in corresponding RoomPreference1 parameter.	Integer [Optional]

Example Request #1: Complete list of links for individual property
http://affiliate.xsapi.webresint.com/1.1/propertylinks.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5ab49cdc3dc4ac3a776&PropertyNumbers=**100**&DateStart=2014-05-20&NumNights=10&RoomPreference1=x6_MixedXDorm_1   &Persons1=1

Response Parameters

Parameter	Description	Type
result	Container for general result of all returned currencies	Object
properties	Container for general result with properties links.	Array
propertyNumber	Number of property	Integer
links	Container for list of links for selected property.	Array
microsite	Link to property microsite page.	String
availability	Link to property microsite page with availability.	String
checkout	Link to checkout page for selected property. **NOTE:** Link may be generated only if exactly one property number is passed to call.	String

JSON

```
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "DEV"
  },

  "result": {
    "properties": [
      {
        "propertyNumber": "100",
        "links": {
```

```
        "microsite":
"http://www.hostelworld.com.test2.ch.hostelworld.com/hostels.php?affiliate=test&HostelNumber=100",
        "availability":
"http://www.hostelworld.com.test2.ch.hostelworld.com/hostels.php?affiliate=test&HostelNumber=100&DateStart=2014
-02-20&NumNights=10",
        "checkout":
"http://www.hostelworld.com.test2.ch.hostelworld.com/hostels.php?affiliate=test&HostelNumber=100&DateStart=2014
-02-20&NumNights=10&RoomPreference1=x6_MixedXDorm_1___&Persons1=1&Submit=1"
      }
    }
  ]  }
}
```

Example Request #2: List of links microsite and availability for many properties

http://affiliate.xsapi.webresint.com/1.1/propertylinks.json?consumer_key=test&conumer_signature=96700c123b365b74c38bb5a
b49cdc3dc4ac3a776&PropertyNumbers=**100,110**&DateStart=2014-05-20&NumNights=10

Response Parameters

Parameter	Description	Type
result	Container for general result of all returned currencies	Object
properties	Container for general result with properties links.	Array
propertyNumber	Number of property	Integer
links	Container for list of links for selected property.	Array
microsite	Link to property microsite page.	String
availability	Link to property microsite page with availability.	String

JSON

```
{
  "api": {
    "status": "Success",
    "callsremaining": 1,
    "version": "DEV"
  },

  "result": {
    "properties": [
      {
        "propertyNumber": "100",
        "links": {
          "microsite": "http://www.hostelworld.com/hostels.php?affiliate=test&HostelNumber=100",
          "availability":
"http://www.hostelworld.com/hostels.php?affiliate=test&HostelNumber=100&DateStart=2014-02-20&NumNights=10"
        }
      },
      {
        "propertyNumber": "110",
        "links": {
          "microsite": "http://www.hostelworld.com/hostels.php?affiliate=test&HostelNumber=110",
          "availability":
"http://www.hostelworld.com/hostels.php?affiliate=test&HostelNumber=110&DateStart=2014-02-20&NumNights=10"
        }
      }
    ]
  }
}
```

Special Headers

Expiry Time

Most of XS API responses include `Expires` header which allows partners to invalidate cache in their implementations and thereby to optimize their usage profile in order to consume XS API more wisely. Following table precisely describes this header:

Header	Description	Type
Expires	Indicates XS API response cache expiry time. Header contains date in RFC 1123 time format. For more details please read Cache section.	String

Example of API Success Response Headers

```
Content-Type: text/xml;charset=UTF-8
X-Ratelimit-Remaining: 999
X-Ratelimit-Limit: 1000
Expires: Wed, 04 Dec 2013 14:09:45 +0000
Date: Tue, 03 Dec 2013 14:40:53 GMT
```

Throttle Rate Limit

All XS API responses include throttle rate limit headers which allow partners indicate their current usage limits per call. Following table outlines possible throttle headers:

Header	Description	Type
X-Ratelimit-Limit	Current rate limit set up per partner call	Integer
X-Ratelimit-Remaining	Indicates amount of remaining API calls	Integer
X-Ratelimit-Reset	Returned only if API calls exceeded available usage limits. Header contains timestamp which indicates throttle rate limit reset time.	Integer

Example of API Success Response Headers

```
Content-Type: text/xml;charset=UTF-8
X-Ratelimit-Remaining: 999
X-Ratelimit-Limit: 1000
Expires: Wed, 04 Dec 2013 14:09:45 +0000
Date: Tue, 03 Dec 2013 14:40:53 GMT
```

Example of API Over Limit Response Headers

```
Content-Type: text/xml;charset=UTF-8
X-Ratelimit-Reset: 1386079845
Expires: Tue, 03 Dec 2013 14:10:45 +0000
Date: Tue, 03 Dec 2013 14:09:58 GMT
```

Special Responses

API Over Limit

Purpose

If you have made too many API calls within a period you will receive this response every time you try to make a request until the calls are reset.

Parameters

Parameter	Description	Type
error	Text describing the error	String
#code	Error code	String

Example Response

```
<response>
  <api status="Error" callsremaining="0" version="1.2.55.1"/>
  <errors>
      <error code="526">You have exceeded your quota of API calls for currencies, please wait until 'Tue, 03
Dec 2013 14:10:45 +0000' and retry</error>
  </errors>
</response>
```

API Unavailable

Purpose

This indicates that the API is currently unavailable. You should attempt to connect again at a later time.

Parameters

Parameter	Description	Type
error	Message describing the error	String
#code	Error codes (explained below) 521 - API Unavailable 519 - XML Request not valid 520 - XML request is missing obligatory nodes	Integer

Example Response

```
<response>
 <errors>
  <error code="521">API Unavailable</error>
 </errors>
</response>
```

User Warnings

Description

Following table outlines the list of user warnings, which might be displayed to the end user as an addition notification during availability search/ or booking process itself. Please note multiple warnings may occur same time.

Code	Description
#2	Notifications about group searches.
#3	Notifications about property minimum nights (including seasonal/weekend rules).
#4	Notification about limited availability for selected nights over a weekend.
#5	Notification about no availability for selected nights.

#6	Notification about limited availability for selected nights.
#7	Notification about property accepts credit cards only.
#8	Notification about private rooms reservations, where customer to book a room need to pay for all beds at once.
#9	Notification about the currency automatically changed to match the currency of customer credit card.

Example – warning code #2

```
"userWarnings": {"2": "Group size is bigger than accepted by the property (12)"}
```

Example – warning code #3

```
"userWarnings": {
    "3": "A Twin Private Shared Bathroom sleeps 2 so to book this room for 1, you must still pay for the
equivalent of 2 people."
}
```

Example – warning code #4

```
"userWarnings": {"4": "Due to high demand for this hostel some of the nights you requested were not available
for your chosen room. Minimum 3 nights stay at weekends. Please change your dates to stay 3 nights."}
```

Example – warning code #5

```
"userWarnings": {"5": "There is no availability for the dates you selected. Please change your dates and try
again."}
```

Example – warning code #6

```
"userWarnings": {"6": "Due to high demand for this hostel some of the nights you requested were not available
for your chosen room."}
```

Example – warning code #7

```
"userWarnings": {"7": "This property accepts credit cards only, and does not accept Debit cards."}
```

Example – warning code #8

```
"userWarnings": {"8": "A Twin Private Shared Bathroom sleeps 2 so to book this room for 1, you must still pay
for the equivalent of 2 people."}
```

Example – warning code #9

```
"userWarnings": {"9": "Payment currency was changed automatically to match the currency of your card"}
```