

Instant Search API

(XML interface)

V1.12

1. Introduction

This documentation describes the Innstant API interface, which allows partners to get the rates and availability in order to display the information on their properties and send traffic to whitelabel sites via deep links. The documentation is intended for individuals who are experienced with programming in the Internet environment. Due to technological advancements in the e-commerce field and ongoing enhancements to the platform, this documentation is subject to change. Tags may be added and the order of existing tags may be changed during version updates. In future changes, we will do our utmost to maintain backward compatibility with previous specifications. Backward compatibility implies that all existing tags and their level will be maintained.

This documentation will be updated as required and redistributed to relevant parties.

2. Static Data

Static data dumps of countries, cities and hotels are available and will be supplied via your account manager

3. Authentication

Authentication is done by 2 measures:

1. Whitelisted IP - submitted during the development and certification process
2. API key - also provided during the development and certification process

4. General

The API is very straight forward: a GET request is made, and an XML response is returned. The affiliate can define the timeout they wish to wait, and the response will be returned once that timeout is reached.

NOTE: Since Innstant continues to pull data even after the affiliate timeout has been reached, the final price offered to the user may be lower than the one returned in the request.

5. City Search

5.1. Request

URL structure:

```
http://[whitelabel_domain]/[language]/api/search/city/[cityid]/[checkInDate]/[checkOutDate]/[rooms]/[currency]/[customerCountryCode]/[apikey]/[timeout]
```

Parameter	Type	Values	Comments
language	String (2)	2 letter code	see appendix B
cityid	Int		
checkInDate	Date	YYYY-MM-DD	
checkOutDate	Date	YYYY-MM-DD	
rooms	Struct		see appendix A
currency	String (3)		see appendix B
customerCountryCode	String (2)	Country ISO code	
apikey	String		
timeout	Int	number of seconds	

5.2 Response

```
<hotels>
  <hotel id="30223">
    <name>
      <![CDATA[ Mount Of Olives ]]>
    </name>
    <url>
      <![CDATA[
http://www.innstant.com/en/hotel/israel/jerusalem/mount-of-olives,30223/?rooms=adults.2&checkInDate=2013-08-01&checkOutDate=2013-08-02&auto=1&city=1&cityid=2995
]]>
    </url>
    <rooms>
      <room>
        <name>
          <![CDATA[ Economy, One Double or Two Twin beds ]]>
        </name>
        <price>57</price>
        <currency>USD</currency>
        <board>BB</board>
        <boardText>
```

```

    <![CDATA[ Breakfast ]]>
</boardText>
</room>
</rooms>
</hotel>
<hotel>...</hotel>
...
</hotels>

```

Parameter	Type	Values	Comments
hotel @id	Int	The hotel id	
hotel->name	String		
url	String	Deep link to the hotel page	
rooms->room->name	String	Room name	
rooms->room->price	Float	Total room price	including all fees
rooms->room->currency	String (3)		see appendix B
rooms->room->board	String (2)		see Appendix B
rooms->room->boardText	String	board description	

6. Hotel Search

6.1. Request

URL structure:

```
http://[whitelabel_domain]/[language]/api/search/hotel/[hotelid]/[checkInDate]/[checkOutDate]/rooms/[currency]/[customerCountryCode]/[apikey]/[timeout]
```

Parameter	Type	Values	Comments
language	String (2)	2 letter code	see appendix B
hotelid	Int		
checkInDate	Date	YYYY-MM-DD	
checkOutDate	Date	YYYY-MM-DD	
rooms	Struct		see appendix A
currency	String (3)		see appendix B
customerCountryCode	String (2)	Country ISO code	
apikey	String		
timeout	Int	number of seconds	

6.2 Response

```
<hotel id="33810">
  <url>
    <![CDATA[
http://www.innstant2/en/hotel/norway/oslo/quality-33,33810/?rooms=adults.2&checkInDate=2013-08-01&checkOutDate=2013-08-02&auto=1 ]]>
  </url>
  <room>
    <name>
      <![CDATA[ STANDARD (Twin room) ]]>
    </name>
    <board>
      <![CDATA[ BB ]]>
    </board>
    <roomType>
      <![CDATA[ twin ]]>
    </roomType>
    <price>133</price>
    <currency>EUR</currency>
    <directpayment>0</directpayment>
  </room>
```

```

<room>
  <name>
    <![CDATA[ Standard Room ]]>
  </name>
  <board>
    <![CDATA[ BB ]]>
  </board>
  <roomType>
    <![CDATA[ other ]]>
  </roomType>
  <price>145</price>
  <currency>EUR</currency>
  <directpayment>0</directpayment>
</room>
</hotel>

```

Parameter	Type	Values	Comments
hotel @id	Int	The hotel id	
url	String	Deep link to the hotel page	
room->name	String	Room name	
room->price	Float	Total room price	including all fees
room->currency	String (3)		ISO code
room->board	String (2)		see Appendix B
room->roomType	String	type of room	double, twin, etc.
room->directpayment	Boolean	The payment is made directly by the guest to the hotel	

Appendix A - Room Structure

Building the rooms string requires getting the number of guests for each room, and in case of children - their ages as well.

To specify the number of adults, use the following syntax: adults.[number]

To specify the composition of children, use the following syntax: children.[age]-[age]...-[age]

The separator between adults and children is the pipe character (|)

Rooms are separated by the comma character (,)

Examples:

1 room with 2 adults: adults.2

1 room with 3 adults and 2 children ages 7 and 9: adults.3|children.7-9

2 room, one with 2 adults and 1 child age 5, and one with 1 adult: adults.2|children.5,adults.1

3 room, one with 2 adults and 1 child age 5, and one with 1 adult, one with 3 adults and 3 children ages 3, 7, and 14: adults.2|children.5,adults.1,adults.3|children.3-7-14

Appendix B - Lookup codes

1. Language Codes

Language	Code
English	en
German	de
Espanol	es
Dutch	nl
Francais	fr
Italiano	it
Russian	ru
Hebrew	he
Hungarian	hu
Chinese Traditional	cn
Chinese Simplified	zh
Portuguese	pt
Romanian	ro
Arabic	ar
Norwegian	no
Turkish	tr

2. Active Currencies

Currency
USD EUR AUD INR

NOK
BRL
CAD
CLP
CNY
NZD
DKK
HKD
ILS
JPY
KWD
ZAR
CHF
MYR
MXN
PHP
PLN
QAR
RUB
SAR
SGD
GBP
SEK
THB
TRY
AED