

Hotel API (South Travels)

I. Connection Requirements

a. *Autocomplete Array* – List of cities and items for auto complete in the “Destination” field

- i. `_autocomplete` - array request.
 1. type - type either *hotel* or *tours*.

Example:

```
array:1 [▼
  "_autocomplete" => array:1 [▼
    "type" => "hotel"
  ]
]
```

Output:

```
array:66816 [
  0 => "location:Andorra la Vella:Andorra"
  1 => "location:Arinsal:Andorra"
  2 => "location:Canillo:Andorra"
  3 => "location:Encamp:Andorra"
  4 => "location:La Massana:Andorra"
  5 => "location:Les Escaldes:Andorra"
  6 => "location:Ordino:Andorra"
  7 => "location:Pas de la Casa:Andorra"
  8 => "location:Sant Julia de Loria:Andorra"
  9 => "location:Ajman:United Arab Emirates"
  10 => "location:Al Ain:United Arab Emirates"
```

Each element is divided by colon ‘:’.

- The word “location”
- City
- Country

b. *Hotel Search Parameter Array* – The following are the required list off array elements parameters

- i. `_ip`
- ii. `_data`
 1. `_token`
 2. `url`
 3. `destination`
 4. `hotelcheckin`
 5. `hotelcheckout`
 6. `rooms`
 7. `guests_count`
 8. `adult`
 9. `child`
 - a. if child > 0

i. `childage(count)`

c. *Legends:*

- i. **`_ip`** – The remote ip address (client side)
- ii. **`_data`** – Array of parameters required for the api.
- iii. **`_token`** – Unique token
- iv. **`url`** – Return url where the response will be sent back
- v. **`destination`** – Destination City
- vi. **`hotelcheckin`** – Date of check in (Format: yyyy-mm-dd)
- vii. **`hotelcheckout`** – Date of check out (Format: yyyy-mm-dd)
- viii. **`rooms`** – Number of rooms to book
- ix. **`adult`** – Number of adult guest
- x. **`child`** – Number of child guest
- xi. **`childage(count)`** – If child is greater than 0, `childage(count)` will be added as child's age, count refers to the index of each child.
 - 1. Example: If there are two children selected, then the index would be *childage1* and *childage2* respectively.

d. *Stringify the Array*

- i. Convert to Json String
- ii. Convert from bin to hex
- iii. Convert to Base64

Convert the array to a single string file to be passed as a single parameter.

e. *Submission URL* - <https://southtravels.com/test-hotel-query>

- i. Parameter index = `_data`

II. Example Connection

```
function curlRequest($return){
    $data = base64_encode(bin2hex(json_encode($return)));
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL,"https://southtravels.com/test-hotel-query?_data=".$data);
    curl_setopt($ch, CURLOPT_POST, 0);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    $output = curl_exec ($ch);
    curl_close ($ch);
    return $output;
}
```

```
array:2 [▼
  "_ip" => "94.200.89.218"
  "_data" => array:10 [▼
    "_token" => "vYup0rwhpalTe501zriaihp2SPAGj311eSF3Cyc6"
    "url" => "http://localhost:8000/searchresponseapi"
    "destination" => "Dubai City"
    "hotelcheckin" => "2018-06-03"
    "hotelcheckout" => "2018-06-04"
    "rooms" => "1"
    "guests_count" => "1 Adult + 1 Child"
    "adult" => "1"
    "child" => "1"
    "childage1" => "2"
  ]
]
```