

Touki API : Documentation

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Api qui permet d'avoir des informations précises sur les vols entre différents pays. Il permet à l'utilisateur de savoir entre autres :

- La liste de tous les pays
- La liste de tous les devises
- La liste des vols entres deux lieux donnés
- Les prix des vols proposés
- etc.

1. Liste des pays

1.1. request

```
GET /travel-payouts-gateway/api/v1/pays HTTP/1.1
Host: localhost:60010
```

1.2. response

```
[{"name":null,"currency":"EUR","code":"ES","name_translations":{"en":"Spain"}},
{"name":null,"currency":"BZD","code":"BZ","name_translations":{"en":"Belize"}},
{"name":"United
Kingdom","currency":"GBP","code":"GB","name_translations":{"en":"United Kingdom"}},
{"name":null,"currency":"SOS","code":"SO","name_translations":{"en":"Somalia"}},
{"name":null,"currency":"USD","code":"VI","name_translations":{"en":"U.S. Virgin
Islands"}},
{"name":null,"currency":"AMD","code":"AM","name_translations":{"en":"Armenia"}},
{"name":null,"currency":"PAB","code":"PA","name_translations":{"en":"Panama"}},
{"name":null,"currency":"GHS","code":"GH","name_translations":{"en":"Ghana"}},
{"name":null,"currency":"XCD","code":"GD","name_translations":{"en":"Grenada"}},
{"name":null,"currency":"EUR","code":"ME","name_translations":{"en":"Montenegro"}}
...
]
```

1.3. response description

Path	Type	Description
<code>[].name</code>	String	Le nom du pays
<code>[].currency</code>	String	La devise du pays
<code>[].code</code>	String	Le code iso2 du pays
<code>[].name_translations</code>	Object	Les traductions du nom du pays
<code>[].name_translations.en</code>	String	Traduction en anglais

2. Liste des devises

2.1. request

```
GET /skyscanner-gateway/api/v1/devises/ HTTP/1.1
Host: localhost:60010
```

2.2. response

```
{
  "Currencies" : [ {
    "Code" : "ZAR",
    "Symbol" : "R",
    "ThousandsSeparator" : ",",
    "DecimalSeparator" : ".",
    "SymbolOnLeft" : true,
    "SpaceBetweenAmountAndSymbol" : true,
    "RoundingCoefficient" : 0,
    "DecimalDigits" : 2
  }, {
    "Code" : "GIP",
    "Symbol" : "£",
    "ThousandsSeparator" : ",",
    "DecimalSeparator" : ".",
    "SymbolOnLeft" : true,
    "SpaceBetweenAmountAndSymbol" : false,
    "RoundingCoefficient" : 0,
    "DecimalDigits" : 2
  }, {
    "Code" : "CUP",
    "Symbol" : "$MN",
    "ThousandsSeparator" : ",",
    "DecimalSeparator" : ".",
    "SymbolOnLeft" : true,
    "SpaceBetweenAmountAndSymbol" : false,
    "RoundingCoefficient" : 0,
    "DecimalDigits" : 2
  }, {
    "Code" : "RSD",
    "Symbol" : "Дин.",
    "ThousandsSeparator" : ".",
    "DecimalSeparator" : ",",
    "SymbolOnLeft" : false,
    "SpaceBetweenAmountAndSymbol" : true,
    "RoundingCoefficient" : 0,
    "DecimalDigits" : 2
  }, {
    "Code" : "BYN",
    "Symbol" : "Br",
    "ThousandsSeparator" : " ",
    "DecimalSeparator" : ",",
    "SymbolOnLeft" : false,
    "SpaceBetweenAmountAndSymbol" : true,
    "RoundingCoefficient" : 0,
    "DecimalDigits" : 2
  }, {
    "Code" : "GEL",
```

```

"Symbol" : "¤",
"ThousandsSeparator" : " ",
"DecimalSeparator" : ",",
"SymbolOnLeft" : false,
"SpaceBetweenAmountAndSymbol" : true,
"RoundingCoefficient" : 0,
"DecimalDigits" : 2
}, {
"Code" : "OMR",
"Symbol" : "¤.¤.¤",
"ThousandsSeparator" : ",",
"DecimalSeparator" : ".",
"SymbolOnLeft" : true,
"SpaceBetweenAmountAndSymbol" : true,
"RoundingCoefficient" : 0,
"DecimalDigits" : 3
}, {
"Code" : "CZK",
"Symbol" : "Kč",
"ThousandsSeparator" : " ",
"DecimalSeparator" : ",",
"SymbolOnLeft" : false,
"SpaceBetweenAmountAndSymbol" : true,
"RoundingCoefficient" : 0,
"DecimalDigits" : 2
}, {
"Code" : "MNT",
"Symbol" : "₮",
"ThousandsSeparator" : " ",
"DecimalSeparator" : ",",
"SymbolOnLeft" : true,
"SpaceBetweenAmountAndSymbol" : false,
"RoundingCoefficient" : 0,
"DecimalDigits" : 2
},
...
]
}

```

2.3. response description

Path	Type	Description
Currencies	Array	Liste de toutes les devises
Currencies[].Code	String	Le code de la devise (sur trois lettres)
Currencies[].Symbol	String	Le symbole de la devise
Currencies[].ThousandsSeparator	String	Séparateur millier

Path	Type	Description
Currencies[].DecimalSeparator	String	Séparateur décimal
Currencies[].SymbolOnLeft	Boolean	Le symbole à gauche
Currencies[].SpaceBetweenAmountAndSymbol	Boolean	Espace entre symbole et montant (true/false)
Currencies[].RoundingCoefficient	Number	Coefficient d'arrondi
Currencies[].DecimalDigits	Number	Nombre de chiffres décimaux

3. Liste des lieux (départ / destination)

Avoir la liste des lieux de départ/destination

3.1. request

```
GET /travel-payouts-gateway/api/v1/villes HTTP/1.1
Host: localhost:60010
```

3.2. response

```
[{"time_zone": "Asia/Shanghai", "name": null, "coordinates": {"lon": 111.64158, "lat": 36.13222}, "code": "LFQ", "name_translations": {"en": "Linfen"}, "country_code": "CN"}, {"time_zone": "America/New_York", "name": null, "coordinates": {"lon": -75.35, "lat": 40.433334}, "code": "UKT", "name_translations": {"en": "Quakertown"}, "country_code": "US"}, {"time_zone": "Africa/Cairo", "name": null, "coordinates": {"lon": 33.75, "lat": 31.133333}, "code": "AAC", "name_translations": {"en": "El Arish"}, "country_code": "EG"}, {"time_zone": "Africa/Gaborone", "name": null, "coordinates": {"lon": 24.5, "lat": -21.0}, "code": "ORP", "name_translations": {"en": "Orapa"}, "country_code": "BW"}, {"time_zone": "Asia/Shanghai", "name": null, "coordinates": {"lon": 134.3079, "lat": 48.3647}, "code": "FYJ", "name_translations": {"en": "Fuyuan"}, "country_code": "CN"}, {"time_zone": "Asia/Vladivostok", "name": null, "coordinates": {"lon": 133.89621, "lat": 42.90104}, "code": "RZH", "name_translations": {"en": "Preobrazheniye"}, "country_code": "RU"}, {"time_zone": "Etc/GMT-1", "name": null, "coordinates": {"lon": 13.266667, "lat": 61.15}, "code": "SCR", "name_translations": {"en": "Sälen"}, "country_code": "SE"}, {"time_zone": "Asia/Ho_Chi_Minh", "name": null, "coordinates": {"lon": 107.41607, "lat": 21.1155}, "code": "VDO", "name_translations": {"en": "Van Don"}, "country_code": "VN"}, {"time_zone": "Asia/Muscat", "name": null, "coordinates": {"lon": 56.62312, "lat": 24.38892}, "code": "OHS", "name_translations": {"en": "Sohar"}, "country_code": "OM"}, {"time_zone": "Indian/Maldives", "name": "Maamigili", "coordinates": {"lon": 72.83503, "lat": 3.47085}, "code": "VAM", "name_translations": {"en": "Maamigili"}, "country_code": "MV"}, {"time_zone": "Pacific/Efate", "name": null, "coordinates": {"lon": 167.55, "lat": -13.883333}, "code": "SLH", "name_translations": {"en": "Sola"}, "country_code": "VU"}, {"time_zone": "America/Goose_Bay", "name": null, "coordinates": {"lon": -
```

```

55.733334,"lat":53.45},"code":"YBI","name_translations":{"en":"Black
Tickle"},"country_code":"CA"},"time_zone":"Europe/Moscow","name":"Anapa","coordinates
":{"lon":37.316666,"lat":44.9},"code":"AAQ","name_translations":{"en":"Anapa"},"countr
y_code":"RU"},"time_zone":"Asia/Yekaterinburg","name":"Salekhard","coordinates":{"lon
":66.6,"lat":66.583336},"code":"SLY","name_translations":{"en":"Salekhard"},"country_c
ode":"RU"},"time_zone":"Asia/Bangkok","name":"Bangkok","coordinates":{"lon":100.47623
19,"lat":13.7234186},"code":"BKK","name_translations":{"en":"Bangkok"},"country_code":
"TH"},"time_zone":"Africa/Addis_Ababa","name":null,"coordinates":{"lon":44.26611,"lat
":6.733889},"code":"ABK","name_translations":{"en":"Kabri
Dar"},"country_code":"ET"},"time_zone":"America/Anchorage","name":null,"coordinates":
{"lon":-167.8875,"lat":53.376667},"code":"UMB","name_translations":{"en":"Umnak
Island"},"country_code":"US"},"time_zone":"Africa/Abidjan","name":null,"coordinates":
{"lon":-
3.216667,"lat":5.433333},"code":"ABO","name_translations":{"en":"Aboisso"},"country_co
de":"CI"},"time_zone":"Asia/Shanghai","name":null,"coordinates":{"lon":117.83494,"lat
":26.4261},"code":"SQJ","name_translations":{"en":"Sanming"},"country_code":"CN"},"ti
me_zone":"Europe/Oslo","name":null,"coordinates":null,"code":"XGU","name_translations"
":{"en":"Asker"},"country_code":"NO"},"time_zone":"Europe/Kiev","name":null,"coordinat
es":{"lon":30.5,"lat":50.45},"code":"IEV","name_translations":{"en":"Kyiv"},"country_c
ode":"UA"},"time_zone":"America/Boise","name":"Sun Valley","coordinates":{"lon":-
114.3517172,"lat":43.6971294},"code":"SUN","name_translations":{"en":"Sun
Valley"},"country_code":"US"},"time_zone":"America/New_York","name":"Manchester","coo
rdinates":{"lon":-
71.43844,"lat":42.92786},"code":"MHT","name_translations":{"en":"Manchester"},"country
_code":"US"},"time_zone":"Asia/Jakarta","name":null,"coordinates":{"lon":96.85397,"la
t":4.62413},"code":"TXE","name_translations":{"en":"Takengon"},"country_code":"ID"},"
time_zone":"Pacific/Guadalcanal","name":null,"coordinates":{"lon":158.18333,"lat":-
8.766667},"code":"GTA","name_translations":{"en":"Gatokae"},"country_code":"SB"},"tim
e_zone":"America/Costa_Rica","name":null,"coordinates":{"lon":-
85.03333,"lat":10.783333},"code":"UPL","name_translations":{"en":"Upala"},"country_cod
e":"CR"},"time_zone":"America/Detroit","name":null,"coordinates":{"lon":-
84.65,"lat":43.38333},"code":"AMN","name_translations":{"en":"Alma"},"country_code":"U
S"},"time_zone":"Europe/London","name":null,"coordinates":{"lon":-
1.083333,"lat":51.63333},"code":"BEX","name_translations":{"en":"Benson"},"country_cod
e":"GB"},"time_zone":"America/Cuiaba","name":null,"coordinates":{"lon":-
59.38333,"lat":-
10.25},"code":"AIR","name_translations":{"en":"Aripuana"},"country_code":"BR"},"time_
zone":"America/Sao_Paulo","name":null,"coordinates":{"lon":-52.166668,"lat":-
32.083332},"code":"RIG","name_translations":{"en":"Rio Grande"},"country_code":"BR"},
...
]

```

3.3. response description

Path	Type	Description
<code>[].time_zone</code>	String	Time zone du lieu
<code>[].name</code>	String	Le nom de la ville

Path	Type	Description
[].coordinates	Object	Les coordonnées géographiques du lieu
[].coordinates.lon	Number	La longitude
[].coordinates.lat	Number	La latitude
[].code	String	La latitude
[].name_translations	Object	Traduction du nom du lieu
[].name_translations.en	String	Traduction en anglais
[].country_code	String	Le code du pays correspondant

4. Démarrer la recherche sur les vols

Pour obtenir des informations sur un vol, il faut initier la recherche pour obtenir un "SearchID". Ce paramètre est utilisé dans une seconde requête pour obtenir le prix des vols proposés.

L'initialisation de la recherche d'un vol se passe comme suit :

4.1. request

```
GET /obryan-software-
gateway/GetPricesAPI/StartFlightSearch.aspx?lapinfant=0&child=0&city2=NYC&date1=2021-
01-01&youth=0&flightType=1&adults=1&cabin=1&infant=0&city1=LAX&seniors=0&date2=2021-
01-02&islive=true HTTP/1.1
Host: localhost:60010
```

4.2. response

```
{"SearchID": "ap-K3ishzWpPx8EQGua"}
```

4.3. response description

Path	Type	Description
SearchID	String	L'id de la recherche à renseigner pour avoir les détails sur les prix de vol

5. Avoir les détails sur le prix des vols à partir du "SearchID" obtenu

5.1. request

```
GET /obryan-software-gateway/GetPricesAPI/GetPrices.aspx?SearchID=ap-K3ishzWpPx8EQGua
HTTP/1.1
Host: localhost:60010
```

5.2. response

```
[{"site":"expedia","lowestPrice":100000,"url":"https://www.expedia.com/Flights-Search?trip=oneway&leg1=from%3ALAX%2Cto%3ANYC%2Cdeparture%3A1/1/2021 12:00:00AMTANYT&passengers=adults%3A1%2Cchildren%3A0%5B11%5Dseniors%3A0%2Cinfantinlap%3AN&options=cabinclass%3Aeconomy&mode=search","pricePer":"Price Per Passenger"}, {"site":"hotwire","lowestPrice":105,"url":"https://vacation.hotwire.com/Flights-Search?trip=oneway&leg1=from%3ALAX%2Cto%3ANYC%2Cdeparture%3A01/01/2021TANYT&passengers=adults:1,children:0,seniors:0,infantinlap:N&options=cabinclass%3Aeconomy&mode=search&origref=vacation.hotwire.com","pricePer":"Price Per Passenger"}, {"site":"travelocity","lowestPrice":100000,"url":"https://www.travelocity.com/Flights-Search?trip=oneway&leg1=from%3ALAX%2Cto%3ANYC%2Cdeparture%3A1/1/2021 12:00:00AMTANYT&passengers=adults%3A1%2Cchildren%3A0%5B11%5Dseniors%3A0%2Cinfantinlap%3AN&options=cabinclass%3Aeconomy&mode=search","pricePer":"Price Per Passenger"}, {"site":"orbitz","lowestPrice":100000,"url":"https://www.orbitz.com/Flights-Search?flight-type=on&trip=oneway&leg1=from%3ALAX%2Cto%3ANYC%2Cdeparture%3A1/1/2021 12:00:00AMTANYT&passengers=adults%3A1%2Cchildren%3A0%5B11%5Dseniors%3A0%2Cinfantinlap%3AN&options=cabinclass%3Aeconomy&mode=search","pricePer":"Price Per Passenger"}]
```

5.3. response description

Path	Type	Description
[].site	String	La compagnie correspond au vol
[].lowestPrice	Number	Le prix le plus bas proposé par la compagnie
[].url	String	Lien sur le site de la compagnie
[].pricePer	String	Prix par (ex. Price per passenger)