

Paris Airports - Web API

Retails information



AÉROPORTS DE PARIS

Retails information

Hackathon - A660

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Version			
Version	Date	writer	Comment
1.0	31/05/2015	Olivier MONGIN	Document creation
1.1	01/06/2015	Olivier MERCIER	Minor update

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Approbateur : Olivier MERCIER	Date : 01/06/2015

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1 Introduction

This web API is a restful web API. It provides some information about retails in our airports.

1.1 Protocol

This API use http protocol. You can decide to use JSON or XML. If you are building Web Pages for AJAX calls, then JSON is a good choice.

2 Web service

2.1 Objects

2.1.1 Product

This object is used for Airport shop product information.

Name	Type	Description
ProductShop	Object	Shop where you can find this product
productActivity	String	Product groupment
productBrand	String	Product brand
ProductFamily	String	Product family

2.1.1.1 Request

You can use this API with HTTP GET.

	Request URI	Version
GET	<i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.Retails/api/Products?apiKey={apiKey}</i>	HTTP/1.1
GET	<i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.Retails/api/Products?apiKey={apiKey}&Activity={Activity}</i>	HTTP/1.1
GET	<i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.Retails/api/Products?apiKey={apiKey}&idPOI={idPOI}</i>	HTTP/1.1

You can use parameters

Parameters name	Type	Description
Activity	string	Activity filter
idPOI	string	Shop POI id filter.
APIKey	string	API authentication token

2.1.1.2 Response

Response body:

```
[{
  "ProductShop": {
    "AirportName": "CDG",
    "ADCShopCode": "401766",
    "libShop": "PARIS DUTY FREE",
    "StorePhoneNumber": "+33 (0)1 74 29 45 37",
    "idPoi": 560,
    "PoiName": "Hermès T1N4"
  },
  "productActivity": "MODE",
  "productBrand": "HERMES",
  "ProductFamily": "BIJOUTERIE LUXE",
},
{
  "ProductShop": {
    "AirportName": "CDG",
    "ADCShopCode": "401766",
    "libShop": "PARIS DUTY FREE",
    "StorePhoneNumber": "+33 (0)1 74 29 45 37",
    "idPoi": 560,
    "PoiName": "Hermès T1N4"
  },
  "productActivity": "MODE",
  "productBrand": "HERMES",
  "ProductFamily": "BIJOUX FANTAISIE"
}]
```

2.1.2 Shop

This object is used for Airport shop information.

Name	Type	Description
AirportName	String	Airport name
ADCShopCode	String	Technical information (not to be used)
idPoi	Int	Shop POI id (for link with poi's services)
PoiName	String	POI name

2.1.2.1 Request

You can use this API with HTTP GET.

Request URI	Version
GET <i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.Retails/api/Shops</i> <i>?apiKey={apiKey}</i>	HTTP/1.1

You can use parameters

Parameters name	Type	Description
APIKey	string	API authentication token

2.1.2.2 Response

Response body:

```
[{
  "AirportName": "CDG",
  "ADCShopCode": "400176",
  "libShop": "ROYAL QUARTZ",
  "StorePhoneNumber": "+33 (0)1 48 16 29 96",
  "idPoi": 4117,
  "PoiName": "Royal Quartz 2F N2_3"
},
{
  "AirportName": "CDG",
  "ADCShopCode": "400267",
  "libShop": "PARIS DUTY FREE",
  "StorePhoneNumber": null,
  "idPoi": 0,
  "PoiName": null
}]
```