

Paris Airports - Web API

Airport weather



AÉROPORTS DE PARIS

Airport weather

Hackathon – A660

Version			
Version	Date	writer	Comment
1.0	13/04/2015	Olivier MONGIN	Document creation
1.1	01/06/2015	Olivier MERCIER	Minor correction

Rédacteur : MONGIN Olivier	Date : 13/04/2015
Approbateur : Olivier MERCIER	Date : 01/06/2015

SOMMAIRE

1	INTRODUCTION	4
1.1	Protocol	4
2	WEB SERVICES	4
2.1	Resource: airports	4

1 Introduction

This web API is a RESTful type Web API. It provides information about airport weather for 3 days.

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.

To query the API you will have to use an API key that will be given to you in order to authenticate you against the server.

2 Web services

2.1 Resource: airports

Get information about airport weather either as a list or by airport code (one occurrence).

2.1.1.1 Airport description

Name	Type	Description
codeIATA	string	Airport code
meteoList	meteo	

2.1.1.2 Meteo description

Name	Type	Description
dateMeteo	Date	
tempsMin	int	minimum temperature
tempsMax	int	Maximum temperature
codeMeteo	int	Weather code
textMeteoEN	string	English weather text
textMeteoFR	string	French weather text

2.1.1.3 Request

You can use this API with HTTP GET.

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

You can use parameters

Parameters name	Type	Description
id	string	Airport code
apiKey	String	API authentication token

2.1.1.4 Response

Response body:

```
{
  "codeIATA": "ORY", "meteoList": [{
    "dateMeteo": "2015-04-13T00:00:00", "tempsMin": 5, "tempsMax": 20, "codeMeteo": 1, "textMeteoEN": "Cloud", "textMeteoFR": "Nuageux", "updateDate": "2015-04-13T06:00:09.763"}, {
    "dateMeteo": "2015-04-14T00:00:00", "tempsMin": 9, "tempsMax": 24, "codeMeteo": 1, "textMeteoEN": "Cloud", "textMeteoFR": "Nuageux", "updateDate": "2015-04-13T06:00:18.19"}, {
    "dateMeteo": "2015-04-15T00:00:00", "tempsMin": 9, "tempsMax": 25, "codeMeteo": 1, "textMeteoEN": "Cloud", "textMeteoFR": "Nuageux", "updateDate": "2015-04-13T06:00:21.247"}]
}
```