

# Paris Airports - Web API

## Available parking space information



**AÉROPORTS DE PARIS**

## Available parking space

Hackathon - A660

## Available parking space Hackathon – A660

| Version |            |                 |                   |
|---------|------------|-----------------|-------------------|
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|                                   |                   |
|-----------------------------------|-------------------|
| Rédacteur : Olivier.MONGIN@adp.fr | Date : 22/01/2015 |
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## 1 Introduction

This web API is a restful web API. It provide some information about available space in our public parking.

### 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 Parking

This object is used for parking's information.

| Name                   | Type     | Description                  |
|------------------------|----------|------------------------------|
| codeParking            | integer  |                              |
| parkingName            | String   | Public parking name          |
| parkingAvailableSpaces | integer  | Available parking spaces     |
| updateDate             | DateTime | Information's update date    |
| airportCode            | string   | Airport                      |
| parkingCapacity        | integer  | Parking space capacity       |
| idPOI                  | Integer  | Link with ADP's POI Database |

### 2.2 Request

You can use this API with HTTP GET.

|            | Request URI   | Version  |
|------------|---|----------|
| <b>GET</b> | <i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.AvailableParkingSpacesInfo/API/Parkings?apiKey={apiKey}</i>   | HTTP/1.1 |
| <b>GET</b> | <i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.AvailableParkingSpacesInfo/API/Parkings/{idPOI}?apiKey={apiKey}</i>   | HTTP/1.1 |
| <b>GET</b> | <i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.AvailableParkingSpacesInfo/API/Parkings?airportName={string}&amp;apiKey={apiKey}</i>                          | HTTP/1.1 |
| <b>GET</b> | <i>http://hackathonapi.aeroportsdeparis.fr/ADP.WebAPI.AvailableParkingSpacesInfo/API/Parkings?airportName={string}&amp;ParkingName={string}&amp;apiKey={apiKey}</i> | HTTP/1.1 |

You can use parameters

| Parameters name    | Type   | Description  |
|--------------------|--------|--|
| <b>airportName</b> | string | Airport filter   |
| <b>ParkingName</b> | string | Parking name filter.<br>You must use this parameter with airportName |
| <b>APIKey</b>      | string | API authentication token   |

## 2.3 Response

Response body:

```
{
  "codeParking":0,
  "parkingName":"P1",
  "parkingAvailableSpaces":745,
  "updatedAt":"2015-04-09T10:11:02.46",
  "airportCode":"CDG",
  "parkingCapacity":2474,
  "idPOI":2762
},
{
  "codeParking":0,
  "parkingName":"PEF",
  "parkingAvailableSpaces":2051,
  "updatedAt":"2015-04-09T10:11:02.467",
  "airportCode":"CDG",
  "parkingCapacity":6307,"idPOI":2760
}
```