

## 航班实时起降时间开发文档

- 1、实时起降信息查询
- 2、历史起降信息查询
- 3、根据航班号日期查询未来航班信息
- 4、错误码参照

### 1、实时起降信息查询 [\[顶部\]](#)

接口地址：http://op.juhe.cn/flight/df/fs

返回格式：json/xml

请求方式：http get/post

请求示例：http://op.juhe.cn/flight/df/fs?key=APPKEY&orgCity=PEK&dstCity=WUH&flightNo&dtype=json

接口备注：当日航班，方式1:可通过出发城市和到达城市三字码查询起降信息；方式2:通过指定航班号查询起降信息

请求Header：

名称	值
Content-Type	application/x-www-form-urlencoded

请求参数说明：

名称	类型	必填	说明
key	string	是	在个人中心->我的数据,接口名称上方查看
dtype	string	否	返回数据的格式,xml或json,默认json
orgCity	string	是	始发城市的三字码(方式1必传)
dstCity	string	是	到达城市的三字码(方式1必传)
flightNo	string	是	航班号(方式2必传)

返回参数说明：

名称	类型	说明
FlightNo	字符串	航班号
Rate	字符串	准点率
DepCity	字符串	出发城市名称
DepCode	字符串	出发港口三字码
ArrCity	字符串	到达城市名称
ArrCode	字符串	到达港口三字码
DepTerminal	字符串	出发港口航站楼
ArrTerminal	字符串	到达港口航站楼
DepScheduled	时间类型	计划起飞时间
ArrScheduled	时间类型	计划到达时间
DepEstimated	时间类型	预计起飞时间
ArrEstimated	时间类型	预计到达时间
DepActual	时间类型	实际起飞时间
ArrActual	时间类型	实际到达时间
FlightState	字符串	航班状态，计划 / 起飞 / 延误 / 到达 / 备降 / 取消

JSON返回示例：

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{
  "resultcode": "200",
  "reason": "Success",
  "result": [
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      "FlightNo": "CZ9378",
      "Rate": "92.00",
      "DepCity": "北京首都",
      "DepCode": "PEK",
      "ArrCity": "武汉天河",
      "ArrCode": "WUH",
      "DepTerminal": "T2",
      "ArrTerminal": "T2",
      "DepScheduled": "2014-12-19T08:05:00",
      "ArrScheduled": "2014-12-19T10:15:00",
      "DepEstimated": "2014-12-19T08:23:00",
      "ArrEstimated": "2014-12-19T09:40:00",
      "DepActual": "2014-12-19T08:23:00",
      "ArrActual": "2014-12-19T10:09:00",
      "FlightState": "到达",
      "arrRate": "93"
    },
    {
      "FlightNo": "MU2460",
```

```
"Rate": "92.00",
"DepCity": "北京首都",
"DepCode": "PEK",
"ArrCity": "武汉天河",
"ArrCode": "WUH",
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"ArrScheduled": "2014-12-19T10:15:00",
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"ArrActual": "2014-12-19T10:09:00",
"FlightState": "到达",
"arrRate": "90.67"
},
{
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  "Rate": "92.00",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T08:35:00",
  "ArrScheduled": "2014-12-19T10:45:00",
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  "DepActual": "2014-12-19T08:51:00",
  "ArrActual": "2014-12-19T10:38:00",
  "FlightState": "到达",
  "arrRate": "89.33"
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  "FlightNo": "MF4777",
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T08:35:00",
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  "arrRate": "89.67"
},
{
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
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  "ArrActual": "2014-12-19T10:38:00",
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  "arrRate": "90"
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  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T10:55:00",
  "ArrScheduled": "2014-12-19T13:20:00",
  "DepEstimated": "0001-01-01T00:00:00",
  "ArrEstimated": "0001-01-01T00:00:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "延误",
  "arrRate": "95.33"
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{
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  "Rate": "92.00",
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  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T10:55:00",
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  "DepEstimated": "0001-01-01T00:00:00",
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  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "延误",
  "arrRate": "95"
},
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  "Rate": "92.00",
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T10:55:00",
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  "DepEstimated": "0001-01-01T00:00:00",
  "ArrEstimated": "0001-01-01T00:00:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "延误",
  "arrRate": "95.33"
},
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{
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  "Rate": "90.00",
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T11:20:00",
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  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
}
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"arrRate": "92.33"
},
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T11:20:00",
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  "arrRate": "92.33"
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
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  "ArrTerminal": "T2",
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  "arrRate": "92.33"
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  "ArrCode": "WUH",
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  "ArrTerminal": "T2",
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  "ArrScheduled": "2014-12-19T13:55:00",
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  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
  "arrRate": "92"
},
{
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  "Rate": "93.33",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
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  "ArrEstimated": "2014-12-19T13:55:00",
  "DepActual": "0001-01-01T00:00:00",
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  "DepTerminal": "T1",
  "ArrTerminal": "T2",
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  "ArrActual": "0001-01-01T00:00:00",
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},
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  "Rate": "93.33",
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
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},
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  "ArrScheduled": "2014-12-19T15:35:00",
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  "arrRate": "93.33"
},
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  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
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},
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  "Rate": "96.67",
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
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  "ArrActual": "0001-01-01T00:00:00",
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  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
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  "ArrScheduled": "2014-12-19T17:35:00",
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  "ArrActual": "0001-01-01T00:00:00",
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},
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  "ArrCode": "WUH",
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  "ArrTerminal": "T2",
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  "DepActual": "0001-01-01T00:00:00",
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{
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T17:35:00",
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"arrRate": "85.33"
},
{
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
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  "ArrScheduled": "2014-12-19T19:45:00",
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  "ArrActual": "0001-01-01T00:00:00",
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  "arrRate": "82.67"
},
{
  "FlightNo": "CZ9383",
  "Rate": "96.67",
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  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T18:20:00",
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  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
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},
{
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  "Rate": "96.67",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
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},
{
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  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
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"arrRate": "95.67"
},
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  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
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  "ArrTerminal": "T2",
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},
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  "Rate": "100.00",
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  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T19:10:00",
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  "arrRate": "94.33"
},
{
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  "Rate": "93.33",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
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  "ArrTerminal": "T2",
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  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
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  "arrRate": "88"
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{
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  "Rate": "93.33",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
```

```
"ArrCode": "WUH",
"DepTerminal": "T3",
"ArrTerminal": "T2",
"DepScheduled": "2014-12-19T19:25:00",
"ArrScheduled": "2014-12-19T21:35:00",
"DepEstimated": "2014-12-19T19:25:00",
"ArrEstimated": "2014-12-19T21:35:00",
"DepActual": "0001-01-01T00:00:00",
"ArrActual": "0001-01-01T00:00:00",
"FlightState": "计划",
"arrRate": "87.67"
},
{
  "FlightNo": "NH5788",
  "Rate": "93.33",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "2",
  "DepScheduled": "2014-12-19T19:25:00",
  "ArrScheduled": "2014-12-19T21:35:00",
  "DepEstimated": "2014-12-19T19:25:00",
  "ArrEstimated": "2014-12-19T21:35:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
  "arrRate": "89.33"
},
{
  "FlightNo": "ZH1341",
  "Rate": "93.33",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T3",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T19:25:00",
  "ArrScheduled": "2014-12-19T21:35:00",
  "DepEstimated": "2014-12-19T19:25:00",
  "ArrEstimated": "2014-12-19T21:35:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
  "arrRate": "88"
},
{
  "FlightNo": "CZ9384",
  "Rate": "80.00",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T21:10:00",
  "ArrScheduled": "2014-12-19T23:15:00",
  "DepEstimated": "2014-12-19T21:10:00",
  "ArrEstimated": "2014-12-19T23:15:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
  "arrRate": "63.67"
},
{
  "FlightNo": "MU2456",
  "Rate": "73.33",
  "DepCity": "北京首都",
```

```
"DepCode": "PEK",
"ArrCity": "武汉天河",
"ArrCode": "WUH",
"DepTerminal": "T2",
"ArrTerminal": "T2",
"DepScheduled": "2014-12-19T21:10:00",
"ArrScheduled": "2014-12-19T23:15:00",
"DepEstimated": "2014-12-19T21:10:00",
"ArrEstimated": "2014-12-19T23:15:00",
"DepActual": "0001-01-01T00:00:00",
"ArrActual": "0001-01-01T00:00:00",
"FlightState": "计划",
"arrRate": "65.33"
},
{
  "FlightNo": "MF4772",
  "Rate": "93.33",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T22:35:00",
  "ArrScheduled": "2014-12-19T00:50:00",
  "DepEstimated": "2014-12-19T22:35:00",
  "ArrEstimated": "2014-12-19T00:50:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
  "arrRate": "82.67"
},
{
  "FlightNo": "CZ6586",
  "Rate": "96.67",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T22:35:00",
  "ArrScheduled": "2014-12-19T00:50:00",
  "DepEstimated": "2014-12-19T22:35:00",
  "ArrEstimated": "2014-12-19T00:50:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
  "arrRate": "74.67"
},
{
  "FlightNo": "MU3184",
  "Rate": "93.33",
  "DepCity": "北京首都",
  "DepCode": "PEK",
  "ArrCity": "武汉天河",
  "ArrCode": "WUH",
  "DepTerminal": "T2",
  "ArrTerminal": "T2",
  "DepScheduled": "2014-12-19T22:35:00",
  "ArrScheduled": "2014-12-19T00:50:00",
  "DepEstimated": "2014-12-19T22:35:00",
  "ArrEstimated": "2014-12-19T00:50:00",
  "DepActual": "0001-01-01T00:00:00",
  "ArrActual": "0001-01-01T00:00:00",
  "FlightState": "计划",
  "arrRate": "64.67"
}
],
"error_code": 0
```

```
}
```

## 2、历史起降信息查询 [\[顶部\]](#)

接口地址：http://op.juhe.cn/flight/df/hfs

---

返回格式：json/xml

---

请求方式：http get/post

---

请求示例：http://op.juhe.cn/flight/df/hfs?key=APPKEY&flightNo=MF4777&flightDate=2014-12-10

---

接口备注：国内

---

请求Header：

名称	值
Content-Type	application/x-www-form-urlencoded

请求参数说明：

名称	类型	必填	说明
key	string	是	在个人中心->我的数据,接口名称上方查看
dtype	string	否	返回数据的格式,xml或json,默认json
flightNo	string	是	航班号
flightDate	Date	是	(年月日)

返回参数说明：

名称	类型	说明
FlightNo	字符串	航班号
Rate	字符串	准点率
DepCity	字符串	出发城市名称
DepCode	字符串	出发港口三字码
ArrCity	字符串	到达城市名称
ArrCode	字符串	到达港口三字码

名称	类型	说明
DepTerminal	字符串	出发港口航站楼
ArrTerminal	字符串	到达港口航站楼
DepScheduled	时间类型	计划起飞时间
ArrScheduled	时间类型	计划到达时间
DepEstimated	时间类型	预计起飞时间
ArrEstimated	时间类型	预计到达时间
DepActual	时间类型	实际起飞时间
ArrActual	时间类型	实际到达时间
FlightState	字符串	航班状态

JSON返回示例：

```
{
  "resultcode": "200",
  "reason": "Success",
  "result": {
    "FlightNo": "MF4777",
    "Rate": "0",
    "DepCity": "北京首都",
    "DepCode": "PEK",
    "ArrCity": "武汉天河",
    "ArrCode": "WUH",
    "DepPort": "北京首都",
    "ArrPort": "武汉天河",
    "DepTerminal": "T2",
    "ArrTerminal": "T2",
    "DepScheduled": "2014-12-10T08:35:00",
    "ArrScheduled": "2014-12-10T10:45:00",
    "DepEstimated": "2014-12-10T11:00:00",
    "ArrEstimated": "2014-12-10T13:08:00",
    "DepActual": "2014-12-10T11:21:00",
    "ArrActual": "2014-12-10T13:06:00",
    "FlightState": "到达",
    "Delay_Time": "0",
    "arrRate": "89"
  },
  "error_code": 0
}
```

### 3、根据航班号日期查询未来航班信息 [\[顶部\]](#)

接口地址：<http://op.juhe.cn/flight/df/ffs>

返回格式：json

请求方式：http get/post

请求示例：http://op.juhe.cn/flight/df/ffs.php?flightDate=&flightNo=MU4682&=&key=

接口备注：根据航班号日期查询未来航班信息,如果需要查询当天请通过接口1:实时起降信息查询

请求Header：

名称	值
Content-Type	application/x-www-form-urlencoded

请求参数说明：

名称	类型	必填	说明
key	string	是	在个人中心->我的数据,接口名称上方查看
flightNo	string	是	航班号
flightDate	string	否	航班日期，默认明天

返回参数说明：

名称	类型	说明
FlightNo	字符串	航班号
DepCity	字符串	出发城市名称
DepCode	字符串	出发港口三字码
ArrCity	字符串	到达城市名称
ArrCode	字符串	到达港口三字码
DepTerminal	字符串	出发港口航站楼
ArrTerminal	字符串	到达港口航站楼
DepScheduled	时间类型	计划起飞时间
ArrScheduled	时间类型	计划到达时间
DepEstimated	时间类型	预计起飞时间
ArrEstimated	时间类型	预计到达时间
DepActual	时间类型	实际起飞时间

名称	类型	说明
ArrActual	时间类型	实际到达时间
FlightState	字符串	航班状态，未来航班均为 计划

JSON返回示例：

```
{
  "resultcode": "200",
  "reason": "Success",
  "result": {
    "FlightNo": "MU4682",
    "DepCity": "北京",
    "DepCode": "PEK",
    "ArrCity": "上海",
    "ArrCode": "SHA",
    "DepTerminal": "T3",
    "ArrTerminal": "T2",
    "DepScheduled": "2019-04-02T06:50:00",
    "ArrScheduled": "2019-04-02T09:05:00",
    "DepEstimated": "2019-04-02T06:50:00",
    "ArrEstimated": "2019-04-02T09:05:00",
    "DepActual": "0001-01-01T00:00:00",
    "ArrActual": "0001-01-01T00:00:00",
    "PlaneStyle": "321",
    "FlightState": "计划",
    "arrRate": [],
    "arrRate_attr": {
      "xsi:nil": "true"
    }
  },
  "error_code": 0
}
```

## 4、错误码参照

服务级错误码参照(error\_code)：[\[顶部\]](#)

错误码	说明
209901	参数错误（按照接口参数要求传参）
209902	没有相关信息
209903	接口升级中

系统级错误码参照：

错误码	说明	旧版本(resultcode)
-----	----	-----------------

错误码	说明	旧版本(resultcode)
10001	错误的请求KEY	101
10002	该KEY无请求权限	102
10003	KEY过期	103
10004	错误的OPENID	104
10005	应用未审核超时，请提交认证	105
10007	未知的请求源	107
10008	被禁止的IP	108
10009	被禁止的KEY	109
10011	当前IP请求超过限制	111
10012	请求超过次数限制	112
10013	测试KEY超过请求限制	113
10014	系统内部异常(调用充值类业务时，请务必联系客服或通过订单查询接口检测订单，避免造成损失)	114
10020	接口维护	120
10021	接口停用	121

错误码格式说明（示例：200201）：

2	002	01
服务级错误（1为系统级错误）	服务模块代码(即数据ID)	具体错误代码

版本日期：2024-11-24 12:39