Management Center Server API设计

版本号：V1.0

日期：2017.6.1

修订记录:

|  |  |  |  |
| --- | --- | --- | --- |
| 版本 | 日期 | 作者 | 修改描述 |
| V1.0 | 2017.6.1 | 陈晨 | 初稿 |

# 消息模块

## 天气推送

* URL：GET /api/weather/
* 参数：String

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| ip | String | YES | IP地址 |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| city | String | 城市名称 |
| date | String | 时间日期 |
| temp | String | 温度 |
| weather | String | 天气状况· |
| air | String | 空气质量 |

* 示例：
  + **成功：**

{

"state": 1,

"ret": [

{

"city": "天津"

},

{

"date": "2017-06-01",

"temp": "30-24",

"weather": "晴转多云",

"air": "轻度污染"

},

{

"date": "2017-06-02",

"temp": "30-24",

"weather": "晴转多云",

"air": "轻度污染"

},

{

"date": "2017-06-03",

"temp": "30-24",

"weather": "晴转多云",

"air": "轻度污染"

}

]

}

* + **失败**

{

"state": 0,

"ret": "请求错误"

}

## 交通推送

* URL：GET /api/traffic/
* 参数： String

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| ip | String | YES | IP地址 |
| date | String | YES | 日期 |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| city | String | 当前城市 |
| date | String | 当期日期 |
| limit | String | 限行尾号 |

* 示例：
  + **成功：**

{

"state": 1,

"ret": [

{

"city": "天津"

},

{

"limit": "3,8",

"date": "2017-06-01"

},

{

"limit": "2,9",

"date": "2017-06-01"

},

{

"limit": "1,6",

"date": "2017-06-01"

},

{

"limit": "4,5",

"date": "2017-06-01"

},

{

"limit": "3,8",

"date": "2017-06-01"

},

{

"limit": "3,8",

"date": "2017-06-01"

}

]

}

* + **失败**

{

"state": 0,

"ret": "请求错误"

}

## 发送短信

* URL：POST /api/SMS/
* 参数：JSON

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| phone | String | YES | IP地址 |
| content | String | YES | 发送内容 |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

* 示例：
  + **成功：**

{

"state": 1,

"ret":"success"

}

* + **失败**

{

"state": 0,

"ret": "error"

}

## 保存消息模板

* URL：POST /api/messageTmp/
* 参数：JSON

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| title | String | YES | 主题 |
| important | Int | YES | 是否重要 |
| content | String | YES | 内容 |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

* 示例：
  + **成功：**

{

"state": 1,

"ret":"success"

}

* + **失败**

{

"state": 0,

"ret": "error"

}

## 删除消息模板

* URL：DEL /api/messageTmp/
* 参数：JSON

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| id | String | YES | ID |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

* 示例：
  + **成功：**

{

"state": 1,

"ret":"success"

}

* + **失败**

{

"state": 0,

"ret": "error"

}

## 消息模板列表

* URL：GET /api/messageTmp/
* 参数：String

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| page | YES | Int | 页 |
| rpp | YES | Int | 每页多少条数据 |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

* 示例：
  + **成功：**

{

"state": 1,

"ret": [

{

"id": 1,

"title": "小拱真可爱",

"content": "小拱真可爱",

"important": 1,

"datetime": "2017-08-08"

},

{

"id": 2,

"title": "小杨真可爱",

"content": "小杨真可爱",

"important": 1,

"datetime": "2017-08-08"

},

{

"id": 3,

"title": "小管真可爱",

"content": "小管真可爱",

"important": 1,

"datetime": "2017-08-08"

}

],

"totalNum": 234

}

* + **失败**

{

"state": 0,

"ret": "error"

}

## 发布公告

* URL：POST /api/notice/
* 参数：JSON

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| content | String | YES | IP地址 |
| author | String | YES | 作者 |
| dateline | String | NO | 公告显示日期 |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

* 示例：
  + **成功：**

{

"state": 1,

"ret":"success"

}

* + **失败**

{

"state": 0,

"ret": "error"

}

## 公告列表

* URL：GET /api/notice/
* 参数：String

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| page | YES | Int | 页 |
| rpp | YES | Int | 每页多少条数据 |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

* 示例：
  + **成功：**

{

"state": 1,

"ret": [

{

"id": 1,

"content": "小拱真可爱",

"author": "小拱",

"dateline": "2017-08-10",

"datetime": "2017-08-08",

"status": 1

},

{

"id": 1,

"content": "小拱真可爱",

"author": "小拱",

"dateline": "2017-08-10",

"datetime": "2017-08-08",

"status": 1

}

],

"totalNum": 234

}

* + **失败**

{

"state": 0,

"ret": "error"

}

## 删除公告

* URL：DEL /api/notice/
* 参数：JSON

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 数据类型 | 是否必须 | 说明 |
| id | String | YES | ID |

* 返回：JSON

|  |  |  |
| --- | --- | --- |
| 字段名 | 数据类型 | 说明 |
| state | String | 状态1:成功 |
| ret | JSON | 返回结果 |

* 示例：
  + **成功：**

{

"state": 1,

"ret":"success"

}

* + **失败**

{

"state": 0,

"ret": "error"

}