斐讯空气猫APP云服务

接口说明书

V1.4.1

2017年4月10日

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |

**API列表：**

|  |  |  |  |
| --- | --- | --- | --- |
| **序号** | **请求URL** | **请求类型** | **含义** |
| **1** | **https://phiclouds.phicomm.com/device/bindDev** | **POST** | **绑定设备** |
| **2** | **[https://phiclouds.phicomm.com/device/unbindDev](https://phiclouds.phicomm.com/v1/unbindDev)** | **POST** | **解除绑定** |
| **3** | **[https://phiclouds.phicomm.com/device/rename](https://phiclouds.phicomm.com/v1/rename)** | **POST** | **修改设备名称** |
| **4** | **[https://phiclouds.phicomm.com/device/getBindDevs](https://phiclouds.phicomm.com/v1/getBindDevs)** | **GET** | **获取绑定设备列表** |
| **5** | **[https://phiclouds.phicomm.com/device/share](https://phiclouds.phicomm.com/v1/share)** | **POST** | **共享设备** |
| **6** | **[https://phiclouds.phicomm.com/device/unshare](https://phiclouds.phicomm.com/v1/unshare)** | **POST** | **解除共享设备** |
| **7** | **[https://phiclouds.phicomm.com/device/renameShareDev](https://phiclouds.phicomm.com/v1/renameShareDev)** | **POST** | **修改共享设备名称** |
| **8** | **https://aircat.phicomm.com/catappservicev1/****queryCityWeather** | **GET** | **获取天气信息** |
| **9** | **https://aircat.phicomm.com/catappservicev1/mems\_queryYunLastValue** | **GET** | **获取环境猫当前数据** |
| **10** | **https://aircat.phicomm.com/catappservicev1/mems\_queryYunHistoryValue** | **GET** | **查询设备历史信息** |
| **11** | **https://aircat.phicomm.com/catappservicev1/weatherPushSetting** | **POST** | **天气推送设置** |
| **12** | **https://aircat.phicomm.com/catappservicev1/weatherPushSetting** | **GET** | **获取天气设置** |
| **13** | **https://aircat.phicomm.com/catappservicev1/getBackgroundImage** | **GET** | **获取背景图片** |

**1 空气猫相关云服务接口**

**1.1 设备绑定**

**1.1.1 绑定设备**

**Description**

**将指定设备与云帐户绑定，需要在header中的Authorization字段，传入该用户登陆后拿到的token，用来标识用户和防止接口被攻击。**

**URL**

**https://phiclouds.phicomm.com/device/bindDev**

**请求类型post**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **deviceID** | **设备唯一标识符** | **string** | **devideID由三部分组成，由-分隔，[productID]-[Mac或SN或其他唯一性的标识]-[保留]，productID描述详见产品类型说明文档。第一部分和第三部分为可选，productID默认值为1，最大3个字节。** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **msg** | **返回信息** | **string** | **如果设备被绑定了，则返回绑定者的账户{"error":"115","msg":"13712341234"}。 绑定成功后返回设备默认名称{"error":"0","msg":"我的设备"}** |
| **error** | **错误码** | **string** | **0：成功 115：设备已经被绑定 50：服务器异常** |

**1.1.2 解绑设备**

**Description**

**解除设备与云账户的绑定，需要在header中的Authorization字段，传入该用户登陆后拿到的token，用来标识用户和防止接口被攻击。**

**URL**

**[https://phiclouds.phicomm.com/device/unbindDev](https://phiclouds.phicomm.com/v1/unbindDev)**

**请求类型post**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **deviceID** | **设备唯一标识符** | **string** | **devideID由三部分组成，由-分隔，[productID]-[Mac或SN或其他唯一性的标识]-[保留]，productID描述详见产品类型说明文档。第一部分和第三部分为可选，productID默认值为1，最大3个字节。** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0：解绑成功 112：设备未绑定指定账户 114：设备未绑定任何账户** |

**1.1.3 修改设备名称**

**Description**

**修改设备名称，需要在header中的Authorization字段，传入该用户登陆后拿到的token，用来标识用户和防止接口被攻击。**

**URL**

**[https://phiclouds.phicomm.com/device/rename](https://phiclouds.phicomm.com/v1/rename)**

**请求类型post**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **deviceID** | **设备唯一标识符** | **string** | **devideID由三部分组成，由-分隔，[productID]-[Mac或SN或其他唯一性的标识]-[保留]，productID描述详见产品类型说明文档。第一部分和第三部分为可选，productID默认值为1，最大3个字节。** |
| **name** | **修改的名称** | **string** |  |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0：成功 50：服务器异常** |

**1.2 设备获取**

**1.2.1 获取绑定设备(包括被分享的)**

**Description**

**获取云帐户的被绑定设备列表，需要在header中的Authorization字段，传入该用户登陆后拿到的token，用来标识用户和防止接口被攻击。**

**URL**

**[https://phiclouds.phicomm.com/device/getBindDevs](https://phiclouds.phicomm.com/v1/getBindDevs)**

**请求类型get**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **productID** | **产品id** | **string** | **空气猫为1，不传时默认值为1** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0:获取成功 113：账户未绑定任何设备 50：服务器异常** |
| **devs** | **设备列表数组** | **string** | **{"error":"0","devs":[{"phoneNumber":"123456","deviceID":"1-aa:bb:cc:dd:ee:aa","name":"我的设备1"},{"phoneNumber":"234567","deviceID":"2-aa:bb:cc:dd:ee:aa","name":"我的设备2"}]}** |

**1.3 设备共享**

**1.3.1 共享设备**

**Description**

**将设备共享给某一云账户，需要在header中的Authorization字段，传入该用户登陆后拿到的token，用来标识用户和防止接口被攻击。**

**URL**

**[https://phiclouds.phicomm.com/device/share](https://phiclouds.phicomm.com/v1/share)**

**请求类型post**

**Request Param List**

| **Name** | | **Identifier** | | **Type** | **Remark** | |
| --- | --- | --- | --- | --- | --- | --- |
| **phoneNumber** | | **被分享者的手机号码** | | **string** |  | |
| **deviceID** | **设备唯一标识符** | | **string** | | | **devideID由三部分组成，由-分隔，[productID]-[Mac或SN或其他唯一性的标识]-[保留]，productID描述详见产品类型说明文档。第一部分和第三部分为可选，productID默认值为1，最大3个字节。** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0：分享成功 7：被分享的用户不存在 100:该设备不存在 112：用户没有绑定该设备 50：服务器异常** |

**1.3.2 解除共享**

**Description**

**解除与某一云账户的设备共享，需要在header中的Authorization字段，传入该用户登陆后拿到的token，用来标识用户和防止接口被攻击。**

**URL**

**[https://phiclouds.phicomm.com/device/unshare](https://phiclouds.phicomm.com/v1/unshare)**

**请求类型post**

**Request Param List**

| **Name** | | **Identifier** | | **Type** | | **Remark** |
| --- | --- | --- | --- | --- | --- | --- |
| **phoneNumber** | | **被解除者的手机号** | | **string** | |  |
| **deviceID** | **设备唯一标识符** | | **string** | | **devideID由三部分组成，由-分隔，[productID]-[Mac或SN或其他唯一性的标识]-[保留]，productID描述详见产品类型说明文档。第一部分和第三部分为可选，productID默认值为1，最大3个字节。** | |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0：解除共享成功 50：服务器异常** |

**1.3.3 修改共享设备名称**

**Description**

**修改共享设备名称，需要在header中的Authorization字段，传入该用户登陆后拿到的token，用来标识用户和防止接口被攻击。**

**URL**

**[https://phiclouds.phicomm.com/device/renameShareDev](https://phiclouds.phicomm.com/v1/renameShareDev)**

**请求类型post**

**Request Param List**

| **Name** | | **Identifier** | | **Type** | | **Remark** |
| --- | --- | --- | --- | --- | --- | --- |
| **name** | | **共享设备名称** | | **string** | | **共享设备名称** |
| **deviceID** | **设备唯一标识符** | | **string** | | **devideID由三部分组成，由-分隔，[productID]-[Mac或SN或其他唯一性的标识]-[保留]，productID描述详见产品类型说明文档。第一部分和第三部分为可选，productID默认值为1，最大3个字节。** | |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0:成功 50：服务器异常 114：用户没有该设备** |

**1.4 天气推送设置**

**1.4.1****天气推送设置**

**Description**

**需要在header中传入Authorization字段，传入的是该用户登陆后拿到的token，用来标识用户和防止接口被攻击**

**Method type**

**post**

**URL**

**https://aircat.phicomm.com/catappservicev1/weatherPushSetting**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **time** | **每天推送的时间** | **string** | **HH-mm** |
| **city** | **城市** | **string** |  |
| **push** | **是否开启推送** | **string** | **0:代表关闭 1:代表开启** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0：设置成功 50：服务器异常** |

**1.4.2 获取天气设置**

**Description**

**需要在header中传入Authorization字段，传入的是该用户登陆后拿到的token，用来标识用户和防止接口被攻击**

**Method type**

**get**

**URL**

**https://aircat.phicomm.com/catappservicev1/weatherPushSetting**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **0:成功 50:服务器异常 {"error":"0","pushInfo":{"city":"…","push":"…",”time”:”…”}} 未设置的value会返回空字符串** |

**1.5 云创云服务接口**

**1.5.1 获取城市的天气**

**Description**

**需要在header中传入Authorization字段，传入的是该用户登陆后拿到的token，用来标识用户和防止接口被攻击**

**Method type**

**get**

**URL**

**https://aircat.phicomm.com/catappservicev1/queryCityWeather**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **city** | **城市名称** | **string** | **中文名 例如：上海 南京 等** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **jsonArray格式的数据** |  | **string** | **{"status":"0","msg":"ok","result":{"city":"安顺","cityid":"111","citycode":"101260301","date":"2017-04-11","week":"星期二","weather":"阴","temp":"12","temphigh":"18","templow":"12","img":"2","humidity":"82","pressure":"1016","windspeed":"14.0","winddirect":"东北风","windpower":"3级","updatetime":"2017-04-11 08:35:04","index":[{"iname":"空调指数","ivalue":"较少开启","detail":"您将感到很舒适，一般不需要开启空调。"},{"iname":"运动指数","ivalue":"较适宜","detail":"阴天，较适宜进行各种户内外运动。"},{"iname":"紫外线指数","ivalue":"最弱","detail":"属弱紫外线辐射天气，无需特别防护。若长期在户外，建议涂擦SPF在8-12之间的防晒护肤品。"},{"iname":"感冒指数","ivalue":"较易发","detail":"天凉，昼夜温差较大，较易发生感冒，请适当增减衣服，体质较弱的朋友请注意适当防护。"},{"iname":"洗车指数","ivalue":"较适宜","detail":"较适宜洗车，未来一天无雨，风力较小，擦洗一新的汽车至少能保持一天。"},{"iname":"空气污染扩散指数","index":"较差","detail":"气象条件较不利于空气污染物稀释、扩散和清除，请适当减少室外活动时间。"},{"iname":"穿衣指数","ivalue":"较舒适","detail":"建议着薄外套、开衫牛仔衫裤等服装。年老体弱者应适当添加衣物，宜着夹克衫、薄毛衣等。"}],"aqi":{"so2":"12","so224":"9","no2":"9","no224":"9","co":"0.780","co24":"0.750","o3":"63","o38":"65","o324":"71","pm10":"13","pm1024":"38","pm2\_5":"4","pm2\_524":"20","iso2":"5","ino2":"5","ico":"8","io3":"20","io38":"33","ipm10":"16","ipm2\_5":"6","aqi":"33","primarypollutant":"O3","quality":"优","timepoint":"2017-04-11 08:00:00","aqiinfo":{"level":"一级","color":"#00e400","affect":"空气质量令人满意，基本无空气污染","measure":"各类人群可正常活动"}},"daily":[{"date":"2017-04-11","week":"星期二","sunrise":"06:38","sunset":"19:19","night":{"weather":"阴","templow":"12","img":"2","winddirect":"东北风","windpower":"微风"},"day":{"weather":"阴","temphigh":"18","img":"2","winddirect":"无持续风向","windpower":"微风"}},{"date":"2017-04-12","week":"星期三","sunrise":"06:37","sunset":"19:19","night":{"weather":"阴","templow":"11","img":"2","winddirect":"无持续风向","windpower":"微风"},"day":{"weather":"阴","temphigh":"16","img":"2","winddirect":"无持续风向","windpower":"微风"}},{"date":"2017-04-13","week":"星期四","sunrise":"06:36","sunset":"19:20","night":{"weather":"阴","templow":"12","img":"2","winddirect":"无持续风向","windpower":"微风"},"day":{"weather":"阴","temphigh":"20","img":"2","winddirect":"无持续风向","windpower":"微风"}},{"date":"2017-04-14","week":"星期五","sunrise":"06:35","sunset":"19:20","night":{"weather":"阴","templow":"15","img":"2","winddirect":"无持续风向","windpower":"微风"},"day":{"weather":"多云","temphigh":"22","img":"1","winddirect":"无持续风向","windpower":"微风"}},{"date":"2017-04-15","week":"星期六","sunrise":"06:34","sunset":"19:21","night":{"weather":"多云","templow":"15","img":"1","winddirect":"无持续风向","windpower":"微风"},"day":{"weather":"多云","temphigh":"24","img":"1","winddirect":"无持续风向","windpower":"微风"}},{"date":"2017-04-16","week":"星期日","sunrise":"07:30","sunset":"19:30","night":{"weather":"阵雨","templow":"11","img":"3","winddirect":"西南风","windpower":"微风"},"day":{"weather":"雷阵雨","temphigh":"25","img":"4","winddirect":"西南风","windpower":"微风"}},{"date":"2017-04-17","week":"星期一","sunrise":"07:30","sunset":"19:30","night":{"weather":"晴","templow":"11","img":"0","winddirect":"","windpower":"4级"},"day":{"weather":"多云","temphigh":"23","img":"1","winddirect":"","windpower":"4级"}}],"hourly":[{"time":"9:00","weather":"阴","temp":"12","img":"2"},{"time":"10:00","weather":"阴","temp":"13","img":"2"},{"time":"11:00","weather":"阴","temp":"13","img":"2"},{"time":"12:00","weather":"多云","temp":"14","img":"1"},{"time":"13:00","weather":"多云","temp":"15","img":"1"},{"time":"14:00","weather":"阴","temp":"16","img":"2"},{"time":"15:00","weather":"阴","temp":"16","img":"2"},{"time":"16:00","weather":"阴","temp":"16","img":"2"},{"time":"17:00","weather":"阴","temp":"16","img":"2"},{"time":"18:00","weather":"阴","temp":"16","img":"2"},{"time":"19:00","weather":"阴","temp":"15","img":"2"},{"time":"20:00","weather":"阴","temp":"14","img":"2"},{"time":"21:00","weather":"阴","temp":"14","img":"2"},{"time":"22:00","weather":"阴","temp":"13","img":"2"},{"time":"23:00","weather":"阵雨","temp":"13","img":"3"},{"time":"0:00","weather":"阵雨","temp":"12","img":"3"},{"time":"1:00","weather":"阵雨","temp":"11","img":"3"},{"time":"2:00","weather":"阵雨","temp":"11","img":"3"},{"time":"3:00","weather":"阵雨","temp":"11","img":"3"},{"time":"4:00","weather":"阵雨","temp":"10","img":"3"},{"time":"5:00","weather":"阵雨","temp":"10","img":"3"},{"time":"6:00","weather":"阴","temp":"9","img":"2"},{"time":"7:00","weather":"阴","temp":"9","img":"2"},{"time":"8:00","weather":"阴","temp":"10","img":"2"}]}}** |

**1.5.2****获取环境猫当前数据**

**Description**

**需要在header中传入Authorization字段，传入的是该用户登陆后拿到的token，用来标识用户和防止接口被攻击**

**Method type**

**get**

**URL**

**https://aircat.phicomm.com/catappservicev1/mems\_queryYunLastValue**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **设备mac** | **deviceIds** | **string** | **多条设备mac号用逗号隔开,设备号为环境猫设备mac号** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
|  | **jsonArray格式的数据** | **string** | **[ { "color": "#ffff00", "hcho": "0.011", "humidity": "38", "id": "C8:93:46:80:15:55", "temperature": "16", "time": "2017-01-10 17:05:42", "value": 54, "version": "" } ]** |

**1.5.3****查询设备历史信息**

**Description**

**需要在header中传入Authorization字段，传入的是该用户登陆后拿到的token，用来标识用户和防止接口被攻击**

**Method type**

**get**

**URL**

**https://aircat.phicomm.com/catappservicev1/mems\_queryYunHistoryValue**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
|  | **scale** | **string** | **小时是hour 天是day 周是week 月是month 所有数据额 all** |
|  | **deviceIds** | **string** | **多条设备mac号用逗号隔开,设备号为环境猫设备mac号** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **jsonArray格式的数据** |  | **string** | **[ { "color": "#00e400", "hcho": "6.086956521739131E-4", "humidity": "35.9", "id": "C8:93:46:80:15:55", "temperature": "12.8", "time": "16:52:00", "value": 32, "version": "" }, { "color": "#00e400", "hcho": "0.012", "humidity": "40.0", "id": "C8:93:46:80:15:55", "temperature": "14.0", "time": "16:53:00", "value": 47, "version": "" }, { "color": "#00e400", "hcho": "0.012", "humidity": "40.0", "id": "C8:93:46:80:15:55", "temperature": "14.0", "time": "16:54:00", "value": 47, "version": "" } ]** |

**1.6 背景图片**

**1.6.1 获取背景图片**

**Description**

**需要在header中传入Authorization字段，传入的是该用户登陆后拿到的token，用来标识用户和防止接口被攻击**

**Method type**

**post**

**URL**

**https://aircat.phicomm.com/catappservicev1/getBackgroundImage**

**Request Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **city** |  | **string** | **可选，默认为上海** |
| **resolution** | **分辨率** | **string** | **可选，默认为1920x1080** |

**Response Param List**

| **Name** | **Identifier** | **Type** | **Remark** |
| --- | --- | --- | --- |
| **error** | **错误码** | **string** | **50：服务器异常** |