CNMAP API

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|  |  |  |  |
| --- | --- | --- | --- |
| **版本** | **日期** | **功能** | **备注** |
| **3.0** | 2014年3月14日星期五 | 增加接口返回结果错误信息机制 |  |
|  |  |  |  |
|  |  |  |  |

# Rest services

## Photo

### Upload photo image

**POST** /api/rest/photo/upload

|  |
| --- |
| {  “name”: ”photo.jpg”,  “title”: ”this is photo’s title”,  “lat”: 23,  “lng”: 126,  “address”: “address in map vendor”,  “vendor”: “gaode”  } |

### Get photo upload info

**GET** /api/rest/photo/upload

### Get photo’s gps info

**GET** /api/rest/photo/{photoId}/gps[?vendor={vendor}]

* vendor参数不填或为空，则返回此图片所有gps信息；
* vendor填写供应商代码，则返回相应供应商的gps信息

|  |
| --- |
| {  "status": "OK",  "gps": [  {  "pk": {  "photo\_id": 13,  "vendor": "gaode"  },  "gps": {  "lat": 31.238540880694917,  "lng": 121.4157885263236,  "alt": 0,  "address": "这是解析后的地址"  }  },  {  "pk": {  "photo\_id": 13,  "vendor": "gps"  },  "gps": {  "lat": 31.240366666666667,  "lng": 121.41113333333334,  "address": "这是解析后的地址"  }  }  ]  } |

### Load photo image file

**GET** /api/rest/photo/{photoId}/{thumbLevel}

### mark best

**PUT** /api/rest/photo/{photoId}/best

### remove best

**DELETE** /api/rest/photo/{photoId}/best

### add tags

**POST** /api/rest/photo/{photoId}/tag

[{“tag”: “this is a tag”}, {“tag”: “a tag”}]

### Get photo info

**GET** /api/rest/photo/{photoId}

返回数据样例：

|  |
| --- |
| {  "status": "OK",  "prop": {  "id": 13,  "file\_name": "name.jpg",  "file\_size": 123132423,  "point": {  "lat": 30.257677,  "lng": 120.148931,  "address": "浙江省杭州市西湖区北山街道杭州西湖风景名胜区"  },  "vendor": "gaode",  "title": "This is title",  "description": "This is description",  "tags": [  "This a tag",  "tag",  "a tag"  ],  "create\_time": 1395150024000,  "user\_id": 1,  "travel\_id": 11,  "travel\_name": "我去了杭州",  "views": 2,  "color": "#292C40",  "comment\_count": 1,  "favorite": true,  "width": 800,  "height": 500,  //"main\_color": "red"  "like\_count": 0,  "fav\_count": 0,  "comment\_count": 0,  "oss\_key": "6.jpg"  }  } |

字段说明：

|  |  |  |
| --- | --- | --- |
| 字段 |  |  |
| status | OK |  |
| prop | id |  |
| user\_id | 用户id |
| title |  |
| description |  |
| create\_time | 创建时间 |
| views | 总访问量 |
| tags | []标签 |
| favorite | 是否收藏 |
| comment\_count | 评论总数 |

### update photo properties

**POST** /api/rest/photo/{photoId}/properties

|  |
| --- |
| {  "title": "title",  "description": "description",  "point": {  "lat": 13,  "lng": 456,  "address": "dizhi"  },  "vendor": "gaode"  } |

### delete photo

**DELETE** /api/rest/photo/{photoId}

Return:

|  |
| --- |
| {  "status": "OK",  "prop": {  "id": 9,  "point": {  "lat": 31.26585422657911,  "lng": 121.44431012721591,  "address": "上海市闸北区共和新路街道沪太路775号"  },  "vendor": "gaode",  "width": 4096,  "height": 2048,  "is360": true,  "tags": [],  "favorite": false,  "create\_time": "2014-05-30 01.46.49",  "user\_id": 1,  "fav\_count": 0  }  } |

### get photo’s camera info

**GET** /api/rest/photo/{photoId}/camerainfo

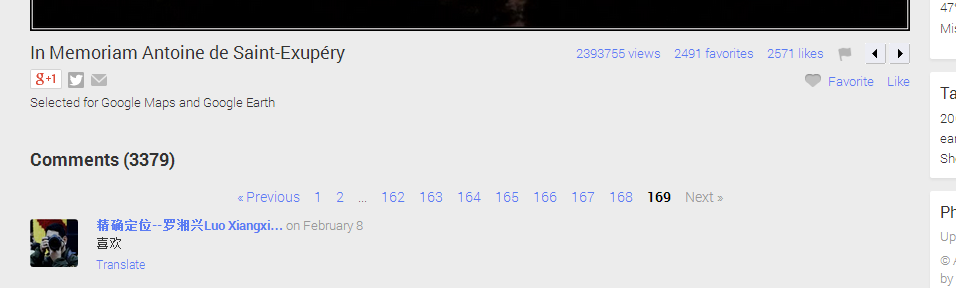


|  |
| --- |
| {  "status": "OK",  "camera\_info": {  "id": 13,  "lat": 31.238540880694917,  "lng": 121.4157885263236,  "alt": 0,  "model": "iPhone 4",  "fnumber": "f/2.8",  "flash": 16,  "iso": "ISO-80",  "create\_date": 1395150024000,  "username": "user",  "date\_time\_original": 1395150024021,  "exposure\_time": "416.66666666666663/10000 s",  "focal\_length": "3.85 mm",  "exposure\_bias": "0 step"  }  } |

### Get photo’s near photo by location

Get /api/rest/photo/{photoId}/near[?by=loc]





### Comment Get photo’s all comments

**GET** /api/rest/photo/{photoId}/comment

ANONYMOUS

### Comment Get photo’s comments by page

**GET** /api/rest/photo/{photoId}/comment/{pageSize}/{pageNo}

ANONYMOUS

Return:

|  |
| --- |
| {  "status": "OK",  "comments": [  {  "id": 6,  "userId": 1,  "username": "暗梅幽闻花",  "content": "阿斯顿发送到",  "createTime": 1395150024000  },  {  "id": 8,  "userId": 1,  "username": "暗梅幽闻花",  "content": "很好很强大",  "createTime": 1395150024000  }  ]  } |

## User

### Get user login info

**GET** /api/rest/user

|  |
| --- |
| {  "id": 13,  "name": "anypossiblew",  "loggedIn": true,  "roles": {  "ROLE\_USER": true  }  } |
|  |

### Get user’s tags

**GET** /api/rest/user/{userId}/tag

|  |
| --- |
| {  "status": "OK",  "open\_info": {  "id": 1,  "tags": [  "汉字",  "aa",  "ss"  ],  "photo\_count": 0,  "photo\_views": 0,  "photo\_favorites": 0  }  } |
|  |

### Create tag

**GET** /api/rest/user/{userId}/tag/{tag}

### Delete tag

**DELETE** /api/rest/user/{userId}/tag/{tag}

### Get user’s travels

**GET** /api/rest/user/{userId}/travel

|  |
| --- |
| {  "status": "OK",  "open\_info": {  "id": 1,  "travels": [  {  "id": 1,  "spots": [],  "createTime": 1398395453000,  "title": "无锡执行"  },  {  "id": 2,  "spots": [],  "createTime": 1398395784000,  "title": "无锡执行"  }  ]  }  } |
|  |

### get user’s photos

**GET** /api/rest/user/{userId}/photos/{ pageSize}/{pageNo}

|  |
| --- |
| {  "status": "OK",  "photos": [  {  "id": 26,  "tags": [  "798艺术区",  "北京798"  ],  "views": 0,  "favorite": false,  "create\_time": "2014-03-26 04.15.53",  "user\_id": 3,  "fav\_count": 0  },  {  "id": 27,  "tags": [  "798艺术区",  "北京798"  ],  "views": 0,  "favorite": false,  "create\_time": "2014-03-26 04.15.53",  "user\_id": 3,  "fav\_count": 0  }  ]  } |
|  |

### get user’s open info

**GET** /api/rest/user/{userId}/openinfo

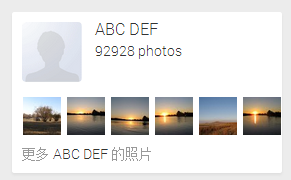
|  |
| --- |
| {  "status": "OK",  "open\_info": {  "id": 2,  "name": "admin",  "avatar": 2,  "tags": [  "上海",  "无锡之旅"  ], // 用户图片用到的所有tag  "photo\_count": 119,  "photo\_views": 80,  "photo\_favorites": 1,  "follow": true  }  } |
|  |

### get user’s own info

Get /api/rest/user/{userId}/owninfo

### Get user’s photo’s near photo by take date

Get /api/rest/user/{userId}/photo/{photoId}/near[?by={date|loc}]



### Get user’s photo in photos num

**GET** /api/rest/user/{userId}/photos/{photoId}

|  |
| --- |
| {  "status": "OK",  "photo\_info": {  "photo\_count": 119,  "photo\_num": 15  }  } |

### //Get recent photos – 用户最近添加的照片

### Following someone 关注用户

**POST** /api/rest/user/{userId}/following/{userId}

### Delete following someone 取消关注

**DELETE** /api/rest/user/{userId}/following/{userId}

### Get user following user

**GET** /api/rest/user/{userId}/circle

**GET** /api/rest/user/{userId}/circle/{circleId}

### 推荐关注

**GET** /api/rest/user/{userId}/follow/suggested

### 可能感兴趣的人

**GET** /api/rest/user/{userId}/follow/interested

### Get user’s follower

**GET** /api/rest/user/{userId}/follower

### Delete user’s follower 拉黑

**DELETE** /api/rest/user/{userId}/follower/{userId}

### Get message list

**GET** /api/rest/user/{userId}/messages

### Get my message list

**GET** /api/rest/user/{userId}/mymessages

## Message

### Publish a message

**POST** /api/rest/message

**Return** a message

### Get message

**GET** /api/rest/message/{id}

### Read a message

**POST** /api/rest/message/{id}/read

### remove a message from queue 删除阅读队列中的消息

**DELETE** /api/rest/message/{id}/user/{userId}

### delete owner’s message 删除自己发表的消息

**DELETE** /api/rest/message/{id}

### Share message 分享

**POST** /api/rest/message/{id}/share

## Comment

### Add comment

**POST** /api/rest/comment

ROLE\_USER

Request Body:

|  |
| --- |
| {  "content": "很好很强大",  "photoId": 6  } |

Return:

|  |
| --- |
| {  "status": "OK",  "comment": {  "id": 9,  "userId": 1,  "username": "暗梅幽闻花",  "content": "很好很强大",  "createTime": 1395150024000,  "photoId": 6  }  } |

### Delete comment

**DELETE** /api/rest/comment/{commentId}

ROLE\_USER

|  |
| --- |
| {  "status": "OK"  } |

Return:

## Index

### Set index page’s photo

**PUT** /api/rest/index/{photoIds}

### Get index page’s photos

**GET** /api/rest/index/photo

|  |
| --- |
| [  {  "id": 1,  "lat": 25.923548634889556,  "lng": 100.10663955410766,  "model": "HTC One",  "fnumber": "f/2.0",  "flash": 0,  "iso": "ISO-125",  "create\_date": 1396432856000,  "username": "user",  "date\_time\_original": "2014:02:15 13:24:17",  "exposure\_time": "2.5999999999999996/10000 s",  "focal\_length": "3.82 mm",  "exposure\_bias": "0 step"  },  {  "id": 127,  "lat": 40.563503,  "lng": 116.700897,  "model": "HTC One",  "fnumber": "f/2.0",  "flash": 0,  "iso": "ISO-160",  "create\_date": 1396522516000,  "username": "anypossiblew",  "date\_time\_original": "2013:08:31 15:20:16",  "exposure\_time": "0.52/10000 s",  "focal\_length": "3.82 mm",  "exposure\_bias": "0 step"  }  ] |

## Panoramio

### Get panoramio photo

**GET** /api/rest/ panoramio/photo

输入参数样例：

?swlat=23&swlng=120&nelat=30&nelng=130&level=3&width=500&height=500&vendor=gaode

返回结果：

|  |
| --- |
| [  {  "photoId": 6,  "lat": 31.238540880694917,  "lng": 121.4157885263236,  "alt": 0,  "rating": 0  },  {  "photoId": 3,  "lat": 32,  "lng": 120,  "rating": 1  }  ] |

### Update photo panoramio index

**GET** /api/rest/ panoramio

## Travel

### Create travel

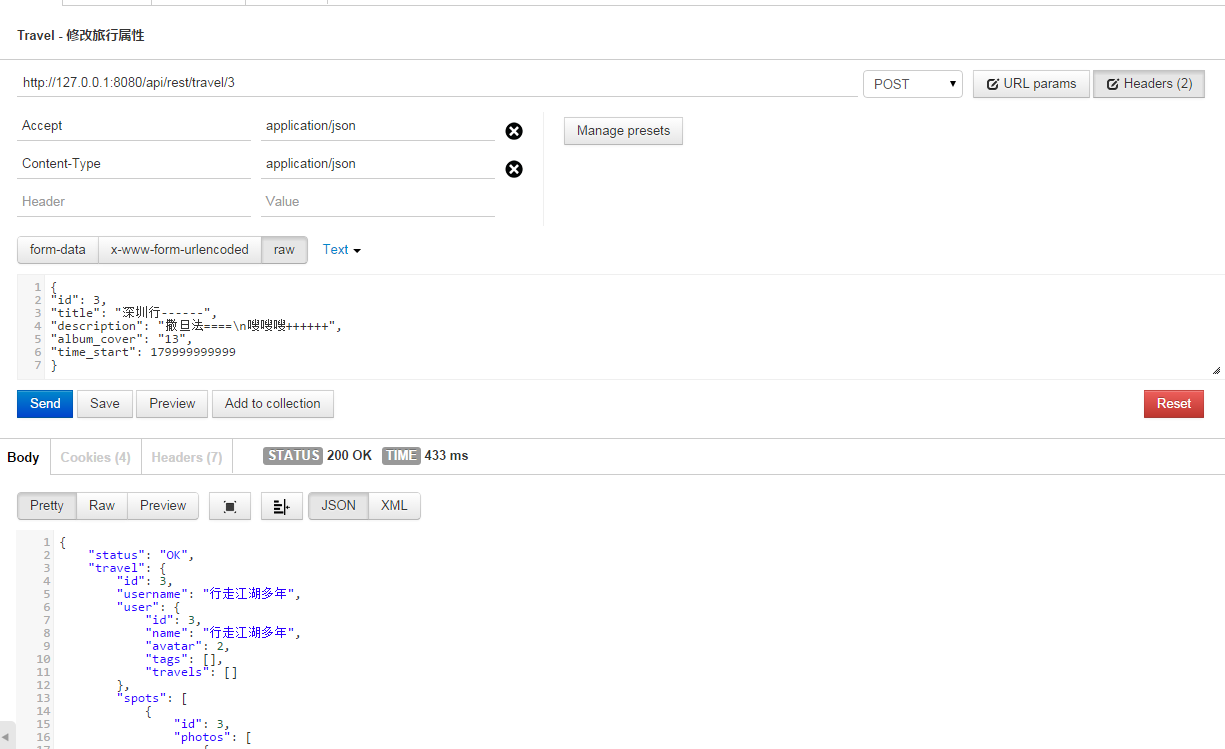
**POST** /api/rest/travel



|  |
| --- |
| travel: 无锡之行 |

### Edit travel attributes

**POST** /api/rest/travel/{id}



### Get travel

**GET** /api/rest/travel/{id}[?vendor=qq]

|  |
| --- |
| {  "status": "OK",  "travel": {  "id": 4,  "username": "行走江湖多年",  "user": {  "id": 3,  "name": "行走江湖多年",  "avatar": 7,  "tags": [],  "travels": []  },  "spots": [  {  "id": 19,  "photos": [  {  "id": 33,  "point": {  "lat": 30.272869016019456,  "lng": 120.07423458049097,  "alt": 0,  "address": "浙江省杭州市西湖区蒋村街道西溪国家湿地公园"  },  "vendor": "gaode",  "width": 2688,  "height": 1520,  "is360": false,  "tags": [],  "create\_time": 1403788921000,  "user\_id": 3,  "travel\_id": 4,  "travel\_name": "端午杭州行",  "like\_count": 0,  "fav\_count": 0,  "comment\_count": 0,  "file\_size": 2224528,  "file\_name": "IMG\_20140601\_120024.jpg",  "file\_type": "jpg",  "date\_time": 1401595224000,  "oss\_key": "33.jpg"  },  ...  ],  "title": "端午杭州行",  "user\_id": 3,  "album\_cover": {  "id": 33,  "point": {  "lat": 30.272869016019456,  "lng": 120.07423458049097,  "alt": 0,  "address": "浙江省杭州市西湖区蒋村街道西溪国家湿地公园"  },  "vendor": "gaode",  "width": 2688,  "height": 1520,  "is360": false,  "tags": [],  "create\_time": 1403788921000,  "user\_id": 3,  "travel\_id": 4,  "travel\_name": "端午杭州行",  "like\_count": 0,  "fav\_count": 0,  "comment\_count": 0,  "file\_size": 2224528,  "file\_name": "IMG\_20140601\_120024.jpg",  "file\_type": "jpg",  "date\_time": 1401595224000,  "oss\_key": "33.jpg"  },  "photo\_size": 9,  "message\_id": 42  }  } |
|  |

### 删除旅行

**DELETE** /api/rest/travel/{id}

### Get travel spot

**GET** /api/rest/travel/{id}/spot/{spotId}

### Edit travel spot

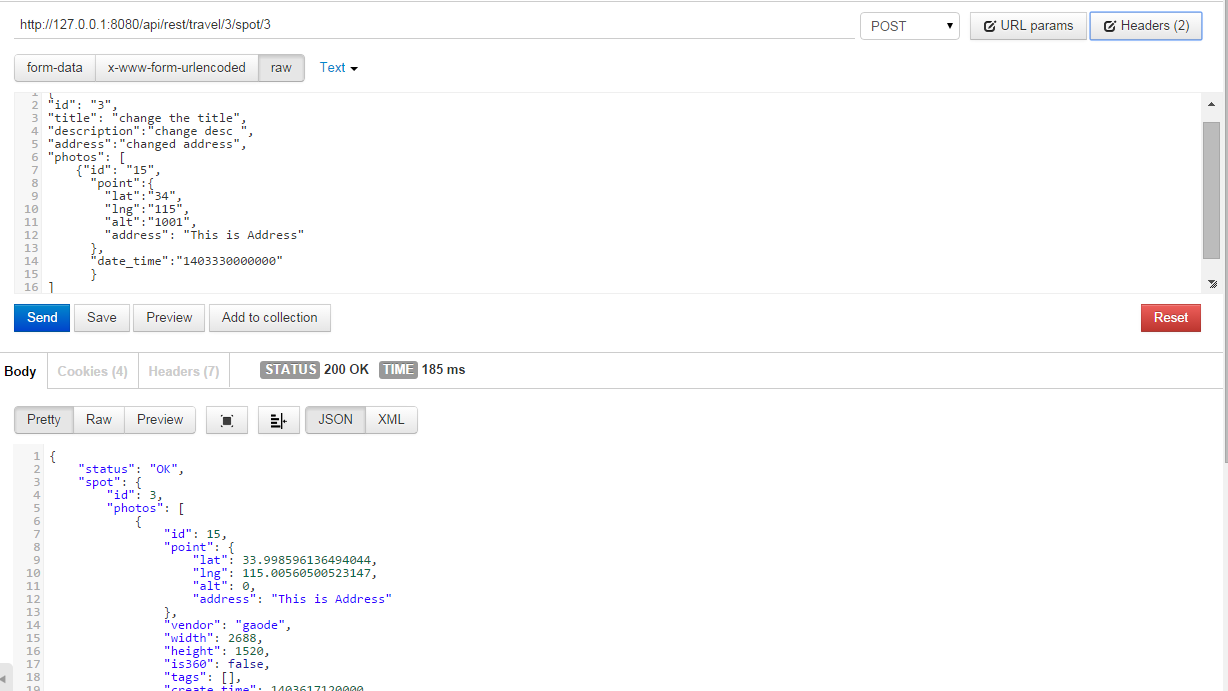
**POST** /api/rest/travel/{id}/spot/{spotId}



如果不想更改其中的某个属性，则不要填写该属性；  
如果要置空某个属性，则要传入属性名并且值为空；  
如果photo不存在此spot中，则会加入此spot并会从原来的spot中删除；

如果photo的point有值，则会更新photo的位置信息；

如果photo的date\_time有值，则会更新photo的拍摄日期；



### Add photos to travel

**POST** /api/rest/travel/{id}/photo



|  |
| --- |
| photos: 1,2,3,4,5 |

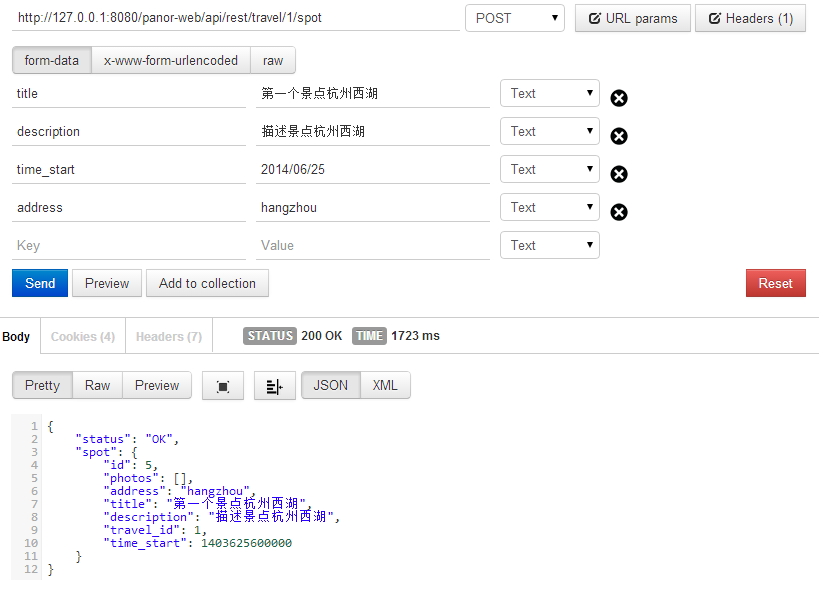
### Change spot’s photos position

**POST** /api/rest/travel/{id}/spot/position

### Create travel’s spot

**POST** /api/rest/travel/{id}/spot





### Add photos to spot

**POST** /api/rest/travel/{id}/spot/{spotId}/photo



## User settings

### Get user settings

**GET** /api/rest/settings/{userId}

### Change Map vendor

**POST** /api/rest/settings/{userId}/map

### Change password

**POST** /api/rest/settings/{userId}/password

### Change account

**POST** /api/rest/settings/{userId}/account

## Recycle

### Get user’s recycle bin data

**GET** /api/rest/recycle

### Empty user’s Recycle bin-清空回收站

**DELETE** /api/rest/recycle

清空用户回收站

### Remove recycle-永久删除

**GET** /api/rest/recycle/{recycleId}

### Cancel recycle-撤销删除

**DELETE** /api/rest/recycle/{recycleId}/cancel

撤销删除操作

# Rest service error\_message results

|  |
| --- |
| {  "status": "ACCESS\_DENIED",  "info": "Access Denied!"  } |

Status:

|  |  |  |
| --- | --- | --- |
| **status** | **info** | **说明** |
| ID\_FORMAT\_ERROR |  | 请求参数转换错误 |
| NO\_AUTHORIZE |  | 未授权 |
| NO\_ENTITY |  | 找不到对象 |
| ACCESS\_DENIED |  | 访问被拒绝 |
| EXCEPTION |  | 内部异常 |

# jsp url path

## map photo

/map\_photo/?id={photoId}

从/photo/{photoId}转过来，再返回/photo/{photoId}

## User page

/user/{userId}[?show=best&with\_photo\_id={photoId}]

## Map

### 查看全部图片

/map#lt=37.173581&ln=116.331544&z=12&k=1&a=1&tab=4&pl=all

### 查看user自己的图片

/map/?user={userId}#lt=37.173581&ln=116.331544&z=12&k=1&a=1&tab=4&pl=all

### 查看user收藏的图片

/map/?user={userId}&favorite={true}#lt=37.173581&ln=116.331544&z=12&k=1&a=1&tab=4&pl=all

## Offensive photo

/offensive/photo?id={photoId}

## Photo explorer

/photo\_explorer#view=photo&position=485&with\_photo\_id=101846402&order=date\_desc&user=5350181

## Tags

/tags



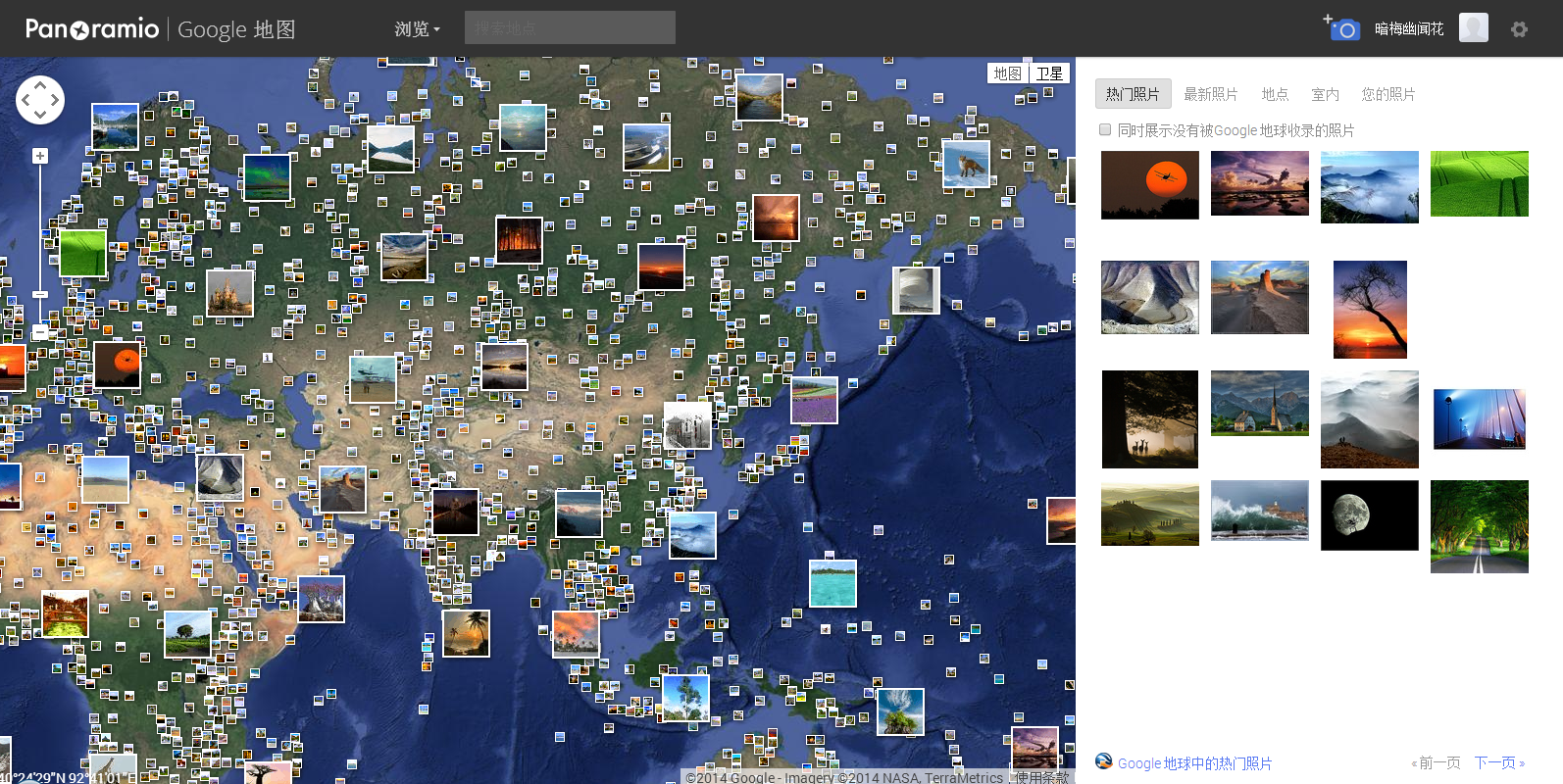
跳转到

/map/?tag=mountains#lt=33.179649&ln=104.460938&z=13&k=1&a=1&tab=3&pl=all

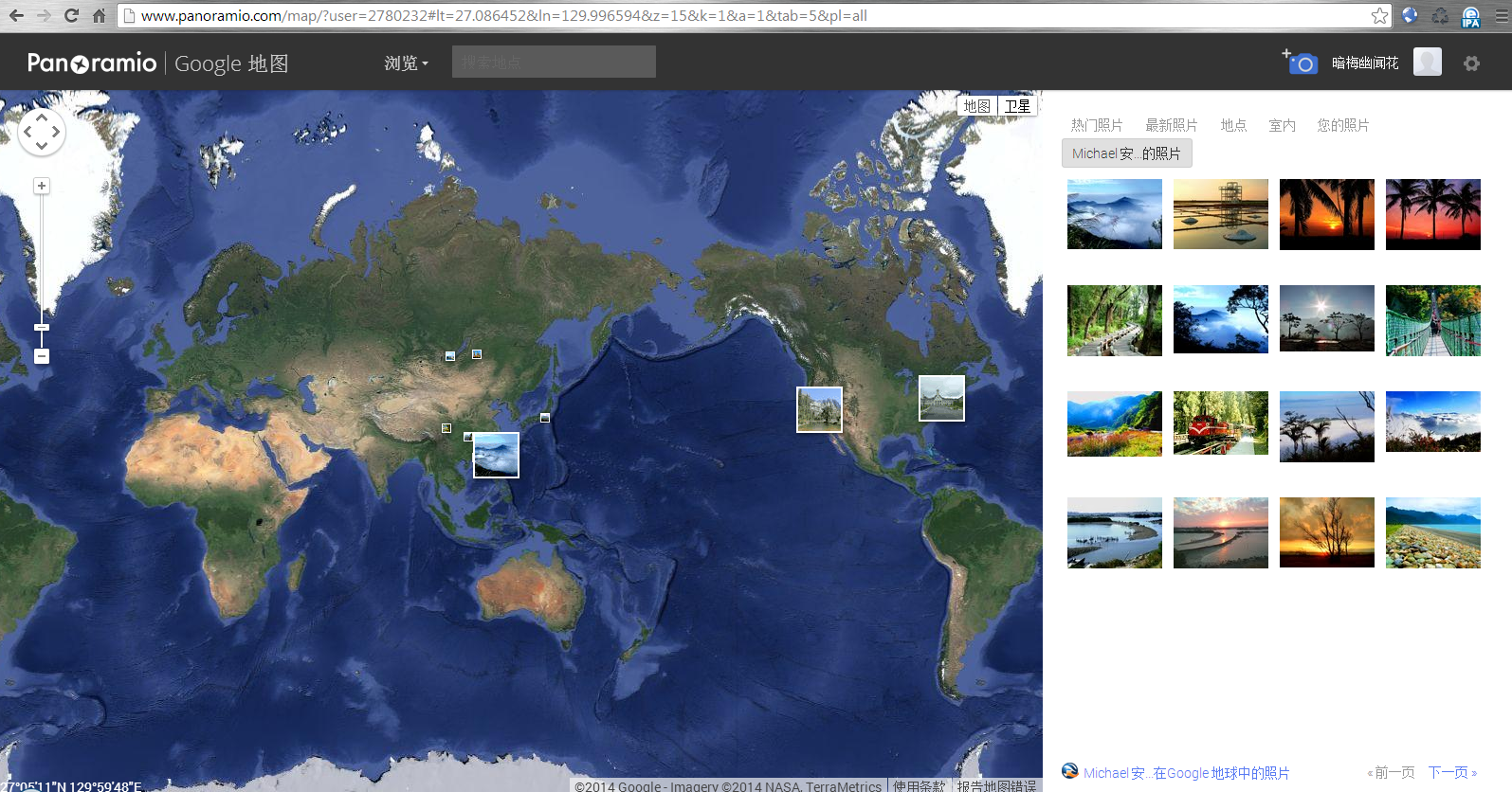
# Sql procedure

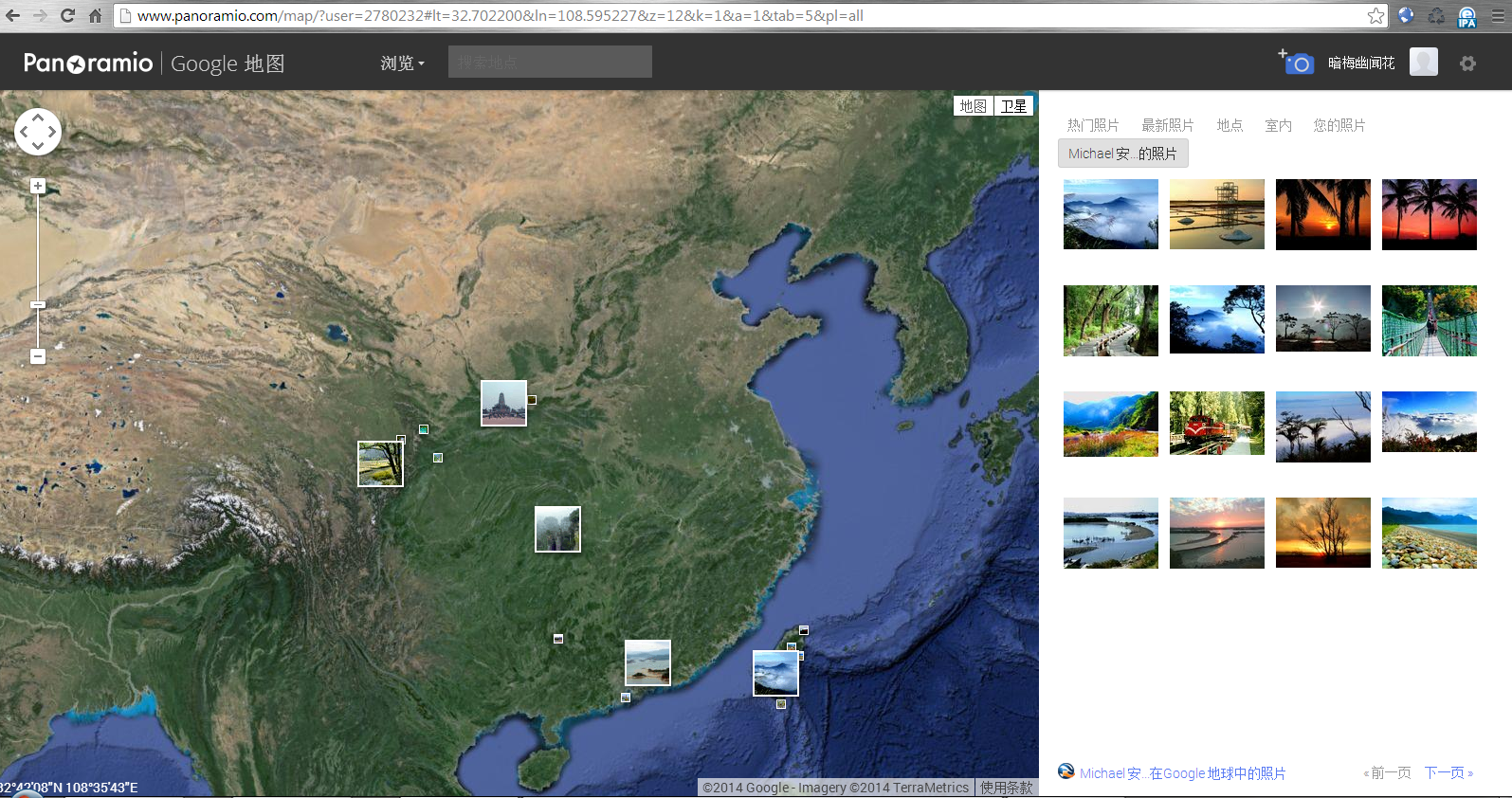
## Update photo index

更新photo索引表



## Get photo by map bound and zoom[ by user]





## Get user’s photo by date or location

### Get user’s photo panormaio

|  |  |  |  |
| --- | --- | --- | --- |
| Input parameter | Type |  | Desc |
| i\_swLat | double |  | 西南坐标纬度 |
| i\_swLng | double |  | 西南坐标经度 |
| i\_neLat | double |  | 东北坐标纬度 |
| i\_neLng | double |  | 东北坐标经度 |
| i\_level | int(2) |  | 地图缩放级别 |
| i\_vendor | char(50) |  | 地图供应商 |
| i\_width | int4 |  | 地图视图宽度 |
| i\_height | int4 |  | 地图视图高度 |
| i\_userId | BIGINT(20) |  | 用户ID |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Output parameter[array] | Type |  | Desc |
| photoId | BIGINT(20) |  | 图片ID |
| lat | double |  | 纬度 |
| lng | double |  | 经度 |
| alt | double |  | 海拔高度 |
| rating | double |  | Rating |
| title | char |  | title |
| address | char |  | 地址 |

## Get photo’s near photos by location

# Login

Curl parameters

curl -d "j\_username=frank" -d "j\_password=1234" <http://localhost:8080/panor-web/login>

curl post

# Framework

## growl-like notifications for angularJS projects

<https://github.com/marcorinck/angular-growl>

## Zero watches binding for AngularJs

<https://github.com/Pasvaz/bindonce>

## i18n in your Angular apps, made easy.

http://angular-translate.github.io

https://github.com/angular-translate/angular-translate

## Highcharts JS, the JavaScript charting framework

http://www.highcharts.com

https://github.com/highslide-software/highcharts.com/

https://github.com/pablojim/highcharts-ng

## The ZeroClipboard library provides an easy way to copy text to the clipboard using an invisible Adobe Flash movie and a JavaScript interface.

http://zeroclipboard.org/

https://github.com/zeroclipboard/zeroclipboard

## angularjs validate

<http://angular-ui.github.io/ui-utils/#/validate>

## Copy to clipboard using AngularJS

<https://github.com/asafdav/ng-clip>

## A spinning activity indicator

<http://fgnass.github.io/spin.js/>

<https://github.com/fgnass/spin.js/>

## JavaScript source code visualization, static analysis, and complexity tool

https://github.com/es-analysis/plato

http://www.arcgis.com/

## qTip is an advanced tooltip plugin for the ever popular jQuery JavaScript framework.

<https://github.com/Craga89/qTip1>

## Introducing a jQuery tooltip plugin for control-obsessed designers.

<https://github.com/briancray/tooltipsy>

## A powerful, flexible jQuery plugin enabling you to easily create semantic, modern tooltips enhanced with the power of CSS.

<http://iamceege.github.io/tooltipster/>

<https://github.com/iamceege/tooltipster/>

## Tether - A client-side library to make absolutely positioned elements attach to elements in the page efficiently.

<https://github.com/HubSpot/tether>

## angular-tooltip Simple and extensible tooltips for angularjs

<https://github.com/remind101/angular-tooltip>

## A project to create a robust set of Angular.js bindings for Kendo UI widgets

<https://github.com/kendo-labs/angular-kendo/>

## Kendo UI Labs

<http://kendoui-labs.telerik.com/>

## The jQuery plugin for magical scroll interactions

<https://github.com/janpaepke/ScrollMagic>

## Tiny but perfect jQuery scrollbar plugin

<https://github.com/noraesae/perfect-scrollbar>

## small jQuery plugin that transforms any div into a scrollable area with a nice scrollbar.

<https://github.com/rochal/jQuery-slimScroll/>

## A jQuery plugin to stop the jank of page loads.

<https://github.com/weblinc/jquery.smoothState.js>