Panoramio

# 获取服务器图片

|  |  |  |
| --- | --- | --- |
| 方法 | cnmap.Panoramio.getPhotoByBound |  |
| 参数 | opts | PhotoByBound |
| 返回 | Return | PhotoReturn |

|  |  |  |
| --- | --- | --- |
| 名称 | PhotoByBound |  |
| 参数 | bounds | LatLngBounds |
| 参数 | Size | Size |

|  |  |  |
| --- | --- | --- |
|  | 名称 | 描述 |
| 类 | PhotoReturn |  |
| 参数 | Id | Photo id |
| 参数 | LatLng | LatLng |

# Server

# 参考

## google.maps.LatLng class

A LatLng is a point in geographical coordinates: latitude and longitude.

* Latitude ranges between -90 and 90 degrees, inclusive. Values above or below this range will be clamped to the nearest value within this range. For example, specifying a latitude of 100 will set the value to 90.
* Longitude ranges between -180 and 180 degrees, inclusive. Values above or below this range will be wrapped such that they fall within the range [-180, 180). For example, 480, 840 and 1200 will all be wrapped to 120 degrees.

Although the default map projection associates longitude with the x-coordinate of the map, and latitude with the y-coordinate, the latitude coordinate is always written first, followed by the longitude.  
Notice that you cannot modify the coordinates of a LatLng. If you want to compute another point, you have to create a new one.

### Constructor

| **Constructor** | **Description** |
| --- | --- |
| LatLng(lat:number, lng:number, noWrap?:boolean) | Creates a LatLng object representing a geographic point. Latitude is specified in degrees within the range [-90, 90]. Longitude is specified in degrees within the range [-180, 180]. Set noWrap to true to enable values outside of this range. Note the ordering of latitude and longitude. |

### Methods

| **Methods** | **Return Value** | **Description** |
| --- | --- | --- |
| equals(other:[LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLng)) | boolean | Comparison function. |
| lat() | number | Returns the latitude in degrees. |
| lng() | number | Returns the longitude in degrees. |
| toString() | string | Converts to string representation. |
| toUrlValue(precision?:number) | string | Returns a string of the form "lat,lng" for this LatLng. We round the lat/lng values to 6 decimal places by default. |

## google.maps.LatLngBounds class

A [LatLngBounds](https://developers.google.com/maps/documentation/javascript/reference?hl=en" \l "LatLngBounds) instance represents a rectangle in geographical coordinates, including one that crosses the 180 degrees longitudinal meridian.

### Constructor

| **Constructor** | **Description** |
| --- | --- |
| LatLngBounds(sw?:[LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en" \l "LatLng), ne?:[LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en" \l "LatLng)) | Constructs a rectangle from the points at its south-west and north-east corners. |

### Methods

| **Methods** | **Return Value** | **Description** |
| --- | --- | --- |
| contains(latLng:[LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLng)) | boolean | Returns true if the given lat/lng is in this bounds. |
| equals(other:[LatLngBounds](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLngBounds)) | boolean | Returns true if this bounds approximately equals the given bounds. |
| extend(point:[LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLng)) | [LatLngBounds](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLngBounds) | Extends this bounds to contain the given point. |
| getCenter() | [LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLng) | Computes the center of this LatLngBounds |
| getNorthEast() | [LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLng) | Returns the north-east corner of this bounds. |
| getSouthWest() | [LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLng) | Returns the south-west corner of this bounds. |
| intersects(other:[LatLngBounds](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLngBounds)) | boolean | Returns true if this bounds shares any points with this bounds. |
| isEmpty() | boolean | Returns if the bounds are empty. |
| toSpan() | [LatLng](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLng) | Converts the given map bounds to a lat/lng span. |
| toString() | string | Converts to string. |
| toUrlValue(precision?:number) | string | Returns a string of the form "lat\_lo,lng\_lo,lat\_hi,lng\_hi" for this bounds, where "lo" corresponds to the southwest corner of the bounding box, while "hi" corresponds to the northeast corner of that box. |
| union(other:[LatLngBounds](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLngBounds)) | [LatLngBounds](https://developers.google.com/maps/documentation/javascript/reference?hl=en#LatLngBounds) | Extends this bounds to contain the union of this and the given bounds. |

## google.maps.Size class

### Constructor

| **Constructor** | **Description** |
| --- | --- |
| Size(width:number, height:number, widthUnit?:string, heightUnit?:string) | Two-dimensonal size, where width is the distance on the x-axis, and height is the distance on the y-axis. |

### Methods

| **Methods** | **Return Value** | **Description** |
| --- | --- | --- |
| equals(other:[Size](https://developers.google.com/maps/documentation/javascript/reference?hl=en#Size)) | boolean | Compares two Sizes. |
| toString() | string | Returns a string representation of this Size. |

### Properties

| **Properties** | **Type** | **Description** |
| --- | --- | --- |
| height | number | The height along the y-axis, in pixels. |
| width | number | The width along the x-axis, in pixels. |

## google.maps.panoramio.PanoramioLayer class

A PanoramioLayer displays photos from Panoramio as a rendered layer.

This class extends [MVCObject](https://developers.google.com/maps/documentation/javascript/3.exp/reference" \l "MVCObject).

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### Constructor

| **Constructor** | **Description** |
| --- | --- |
| PanoramioLayer(opts?:[PanoramioLayerOptions](https://developers.google.com/maps/documentation/javascript/3.exp/reference" \l "PanoramioLayerOptions)) | A layer that displays data from Panoramio. |

### Methods

| **Methods** | **Return Value** | **Description** |
| --- | --- | --- |
| getMap() | [Map](https://developers.google.com/maps/documentation/javascript/3.exp/reference#Map) | Returns the map on which this layer is displayed. |
| getTag() | string |  |
| getUserId() | string |  |
| setMap(map:[Map](https://developers.google.com/maps/documentation/javascript/3.exp/reference#Map)) | None | Renders the layer on the specified map. If map is set to null, the layer will be removed. |
| setOptions(options:[PanoramioLayerOptions](https://developers.google.com/maps/documentation/javascript/3.exp/reference#PanoramioLayerOptions)) | None |  |
| setTag(tag:string) | None |  |
| setUserId(userId:string) | None |  |

### Events

| **Events** | **Arguments** | **Description** |
| --- | --- | --- |
| click | [PanoramioMouseEvent](https://developers.google.com/maps/documentation/javascript/3.exp/reference#PanoramioMouseEvent) | This event is fired when a feature in the layer is clicked. |

## google.maps.panoramio.PanoramioLayerOptions object specification

This object defines the properties that can be set on a PanoramioLayer object.

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### Properties

| **Properties** | **Type** | **Description** |
| --- | --- | --- |
| clickable | boolean | If true, the layer receives mouse events. Default value is true. |
| map | [Map](https://developers.google.com/maps/documentation/javascript/3.exp/reference#Map) | The map on which to display the layer. |
| suppressInfoWindows | boolean | Suppress the rendering of info windows when layer features are clicked. |
| tag | string | A panoramio tag used to filter the photos which are displayed. Only photos which have been tagged with the supplied string will be shown. |
| userId | string | A Panoramio user ID. If provided, only photos by this user will be displayed on the map. If both a tag and user ID are provided, the tag will take precedence. |

## google.maps.panoramio.PanoramioFeature object specification

Describes a single Panoramio feature.

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### Properties

| **Properties** | **Type** | **Description** |
| --- | --- | --- |
| author | string | The username of the user who uploaded this photo. |
| photoId | string | The unique identifier for this photo, as used in the Panoramio API (see <http://www.panoramio.com/api/widget/api.html>). |
| title | string | The title of the photo. |
| url | string | The URL of the photo. |
| userId | string | The unique identifier for the user who uploaded this photo, as used in the Panoramio API (see<http://www.panoramio.com/api/widget/api.html>). |

## google.maps.panoramio.PanoramioMouseEvent object specification

The properties of a mouse event on a PanoramioLayer.

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### Properties

| **Properties** | **Type** | **Description** |
| --- | --- | --- |
| featureDetails | [PanoramioFeature](https://developers.google.com/maps/documentation/javascript/3.exp/reference#PanoramioFeature) | A PanoramioFeature object containing information about the clicked feature. |
| infoWindowHtml | string | Pre-rendered HTML content to display within a feature's InfoWindow when clicked. |
| latLng | [LatLng](https://developers.google.com/maps/documentation/javascript/3.exp/reference#LatLng) | The position at which to anchor an info window on the clicked feature. |
| pixelOffset | [Size](https://developers.google.com/maps/documentation/javascript/3.exp/reference#Size) | The offset to apply to an info window anchored on the clicked feature. |