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bac2dd1 2 days ago

1 contributor

48 lines (38 sloc) 787 Bytes

地図を表示してみよう

<http://play.mylab.jp/webgis-hands-on/googlemapsapi/sample-1-1/index.html>

index.html

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="main.css">
</head>
<body>
<div id="map"></div>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script src="main.js"></script>
<script src="https://maps.googleapis.com/maps/api/js?key=<API >&callback=initMap" async defer></script>
</body>
</html>
```

main.js

```
var map = null;

function initMap() {
  map = new google.maps.Map($('#map').get(0), {
    center: {lat: 35.172899, lng: 136.887531},
    zoom: 15
  });
}
```

main.css

```
body {
  margin: 0;
  padding: 0;
}

#map {
  height: 100vh;
  width: 100vw;
}
```

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bf02a30 2 days ago

1 contributor

68 lines (54 sloc) 1.35 KB

地図に図形を表示してみよう

<http://play.mylab.jp/webgis-hands-on/googlemapsapi/sample-2-1/index.html>

index.htmlとmain.cssは変更なし

main.js

```
'strict'  
  
var map = null;  
  
function initMap() {  
  map = new google.maps.Map($('#map').get(0), {  
    center: {lat: 35.172899, lng: 136.887531},  
    zoom: 15  
  });  
  +  
  + // circle  
  + var circle_coordinate = {lat: 35.174044, lng: 136.892795};  
  + var circle = new google.maps.Circle({  
  +   map: map,  
  +   center: circle_coordinate,  
  +   radius: 100  
  + });  
}
```

さらに下記のようにすることで複数図形を描画できる。

<http://play.mylab.jp/webgis-hands-on/googlemapsapi/sample-2-2/index.html>

main.js

```
'strict'  
  
var map = null;  
  
function initMap() {  
  map = new google.maps.Map($('#map').get(0), {  
    center: {lat: 35.172899, lng: 136.887531},  
    zoom: 15  
  });  
  
  // circle  
  - var circle_coordinate = {lat: 35.174044, lng: 136.892795};  
  - var circle = new google.maps.Circle({  
  -   map: map,  
  -   center: circle_coordinate,  
  -   radius: 100  
  + var circle_coordinates = [  
  +   {lat: 35.174044, lng: 136.892795},  
  +   {lat: 35.168431, lng: 136.886906},  
  +   {lat: 35.166475, lng: 136.881477},  
  + ];  
  +  
  + circle_coordinates.forEach(function(coordinate){  
  +   var circle = new google.maps.Circle({  
  +     map: map,
```

```
+   center: coordinate,  
+   radius: 100  
+ });  
});  
}
```

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45f2f1e 2 days ago

1 contributor

72 lines (61 sloc) 1.25 KB

図形の情報を外部から読み込もう

<http://play.mylab.jp/webgis-hands-on/googlemapsapi/sample-3-1/index.html>

index.htmlとmain.cssは変更なし

main.js

```
'strict'

var map = null;

function initMap() {
  map = new google.maps.Map($('#map').get(0), {
    center: {lat: 35.172899, lng: 136.887531},
    zoom: 15
  });

  - // circle
  - var circle_coordinates = [
  -   {lat: 35.174044, lng: 136.892795},
  -   {lat: 35.168431, lng: 136.886906},
  -   {lat: 35.166475, lng: 136.881477},
  - ];
  + $.ajax({
  +   url: 'data.json',
  +   type: 'GET',
  +   dataType: 'json'
  + })
  + .done(function(data){
  +   console.log(data);
  +   render(data);
  + })
  + .fail(function(){
  +   console.log('error');
  + });
  +}

  - circle_coordinates.forEach(function(coordinate){
  +function render(data){
  +  data.circle_coordinates.forEach(function(coordinate){
  +    var circle = new google.maps.Circle({
  +      map: map,
  +      center: coordinate,
  +      radius: 100
  +    });
  +  });
  +}
  }
```

data.json

```
{
  "circle_coordinates": [
    {
      "lat": 35.174044,
      "lng": 136.892795
    },
    {
```

```
        "lat": 35.168431,  
        "lng": 136.886906  
    },  
    {  
        "lat": 35.166475,  
        "lng": 136.881477  
    }  
  ]  
}
```