

Architecture et programmation du web - HLIN607

TP n.4 : Initiation aux Google Maps

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<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

  <style type="text/css">
    html { height: 100% }
    body { height: 100%; margin: 0px; padding: 0px; }
    input { padding: 10px; }
  </style>

  <script type="text/javascript" src="http://maps.google.com/maps/api/js?sensor=false"></script>
  <script type="text/javascript" src="jquery-2.1.0.min.js"></script>
  <script type="text/javascript" src="jquery-ui-1.10.4/js/jquery-ui-1.10.4.min.js"></script>
  <link rel="stylesheet" href="jquery-ui-1.10.4/development-bundle/themes/ui-lightness/jquery-ui.css">
  </link>

  <script type="text/javascript">
    var markers = new Array();
    $(document).ready(function(){
      $.getJSON("themes.json",function(data){
        $.each(data,function(entryIndex, entry){
          var html = "<h3>"+entry['nom']+"</h3><div id='"+entry['nom']+"'></div>";
          $('#accordion').append(html);
          $.getJSON(entry['lien'],function(data2){
            $.each(data2,function(entryIndex2, entry2){
              var html = "<input type='checkbox' name='"+entry2['nom']+"'></input>"+entry2['nom'];
              $('#'+entry['nom']).append(html);
              var latlng = new google.maps.LatLng(entry2['lat'], entry2['long']);
              var marker = new google.maps.Marker({ position: latlng,
                map: map,
                title: entry2['nom'],
                draggable: false
              });
              marker.setVisible(false);
              var infowindow = new google.maps.InfoWindow({content: entry2['nom']});
              google.maps.event.addListener(marker, 'click', function() {
                infowindow.open(map,marker);
              });
              markers[entry2['nom']] = marker;
            });
            $('#'+entry['nom']).append("<br/>");
          });
        });
      $('#accordion').accordion({collapsible : true});
    });
  </script>
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    $('body').on("change", "input[type=checkbox]", function() {
        var valeur = $(this).val();
        if ($(this).is(':checked')){
            markers[valeur].setVisible(true);
        }
        else {
            markers[valeur].setVisible(false);
        }
    });

    var latlng = new google.maps.LatLng(43.6111, 3.87667);
    var myOptions = { zoom: 15,
                      center: latlng,
                      mapTypeId: google.maps.MapTypeId.ROADMAP
                    };
    var map = new google.maps.Map(document.getElementById("map_canvas"),
                                  myOptions);
    });
</script>
</head>

<body>
    <div id="points_interet" style="width:100%; height:30%">
        <div id="accordion"></div>
    </div>
    <div id="map_canvas" style="width:100%; height:70%"></div>
</body>
</html>

```