

Custom Street View panorama tiles



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JavaScript

JavaScript + HTML

```
var panorama;

// The panorama that will be used as the entry point to the custom
// panorama set.
var entryPanoId = null;

function initialize() {
  // The LatLng of the entry point to the Google office on the road.
  var sydneyOffice = new google.maps.LatLng(-33.867386, 151.195767);

  // Set up the map and enable the Street View control.
  var mapOptions = {
    center: sydneyOffice,
    zoom: 16
  };
  var map = new google.maps.Map(document.getElementById('map-canvas'),
    mapOptions);

  panorama = map.getStreetView();
  // Set up Street View and initially set it visible. Register the
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// custom panorama provider function.
var panoOptions = {
  position: sydneyOffice,
  visible: true,
  panoProvider: getCustomPanorama
};
panorama.setOptions(panoOptions);

// Create a StreetViewService object.
var streetviewService = new google.maps.StreetViewService();

// Compute the nearest panorama to the Google Sydney office
// using the service and store that pano ID.
var radius = 50;
streetviewService.getPanoramaByLocation(sydneyOffice, radius,
  function(result, status) {
    if (status == google.maps.StreetViewStatus.OK) {
      // We'll monitor the Links_changed event to check if the current
      // pano is either a custom pano or our entry pano.
      google.maps.event.addListener(panorama, 'links_changed',
        function() {
          createCustomLinks(result.location.pano);
        });
    }
  });
}

function getCustomPanoramaTileUrl(pano, zoom, tileX, tileY) {
  // Return a pano image given the panoID.
  return 'images/panoReception1024-' + zoom + '-' + tileX + '-' + tileY +
    '.jpg';
}

function getCustomPanorama(pano) {
  switch (pano) {
    case 'reception':
      return {
        location: {
          pano: 'reception',
          description: 'Google Sydney - Reception',
          latLng: new google.maps.LatLng(-33.86684, 151.19583)
        },
        links: [],
        // The text for the copyright control.
        copyright: 'Imagery (c) 2010 Google',
        // The definition of the tiles for this panorama.
        tiles: {
          tileSize: new google.maps.Size(1024, 512),
          worldSize: new google.maps.Size(2048, 1024),
          // The heading at the origin of the panorama tile set.
          centerHeading: 105,
          getTileUrl: getCustomPanoramaTileUrl
        }
      };
      break;
    default:
      return null;
  }
}

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}

function createCustomLinks(entryPanoId) {
  var links = panorama.getLinks();
  var panoId = panorama.getPano();

  switch (panoId) {
    case entryPanoId:
      // Adding a link in the view from the entrance of the building to
      // reception.
      links.push({
        heading: 25,
        description: 'Google Sydney',
        pano: 'reception'
      });
      break;
    case 'reception':
      // Adding a link in the view from the entrance of the office
      // with an arrow pointing at 100 degrees, with a text of 'Exit'
      // and loading the street entrance of the building pano on click.
      links.push({
        heading: 195,
        description: 'Exit',
        pano: entryPanoId
      });
      break;
    default:
      return;
  }
}

google.maps.event.addDomListener(window, 'load', initialize);
```

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Last updated March 17, 2015.