

Directly accessing Street View data



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JavaScript

JavaScript + HTML

```
/*
 * Click the map to set a new location for the Street View camera.
 */

var map;
var berkeley = new google.maps.LatLng(37.869085, -122.254775);
var sv = new google.maps.StreetViewService();

var panorama;

function initialize() {

  panorama = new google.maps.StreetViewPanorama(document.getElementById('pano'));

  // Set up the map
  var mapOptions = {
    center: berkeley,
    zoom: 16,
    streetViewControl: false
  };
};
```

```
map = new google.maps.Map(document.getElementById('map-canvas'),
    mapOptions);

// Set the initial Street View camera to the center of the map
sv.getPanoramaByLocation(berkeley, 50, processSVData);

// Look for a nearby Street View panorama when the map is clicked.
// getPanoramaByLocation will return the nearest pano when the
// given radius is 50 meters or less.
google.maps.event.addListener(map, 'click', function(event) {
    sv.getPanoramaByLocation(event.latLng, 50, processSVData);
});
}

function processSVData(data, status) {
    if (status == google.maps.StreetViewStatus.OK) {
        var marker = new google.maps.Marker({
            position: data.location.latLng,
            map: map,
            title: data.location.description
        });

        panorama.setPano(data.location.pano);
        panorama.setPov({
            heading: 270,
            pitch: 0
        });
        panorama.setVisible(true);

        google.maps.event.addListener(marker, 'click', function() {

            var markerPanoID = data.location.pano;
            // Set the Pano to use the passed panoID
            panorama.setPano(markerPanoID);
            panorama.setPov({
                heading: 270,
                pitch: 0
            });
            panorama.setVisible(true);
        });
    } else {
        alert('Street View data not found for this location.');
    }
}

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

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