Polygon

Category	Requires	Version
Maps	API 19, Android 4.4 - 4.4.4 KitKat	2

Overview

A visible component that draws arbitrary shapes on a Map component. Vertices of a Polygon can be moved by clicking and dragging on them.

Events

Click

The user clicked on the feature.

Drag

The user dragged the map feature.

Long Click

The user long-pressed on the feature. This event will only trigger if Draggable is false.

Start Drag

The user started a drag operation.

Stop Drag

The user stopped a drag operation.

Methods

Centroid

Returns: *List*
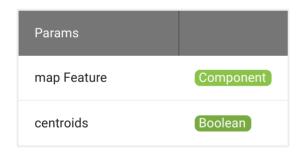
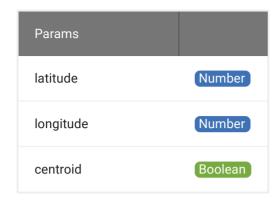Returns the centroid of the Polygon as a (latitude, longitude) pair.

Distance To Feature

Returns: *Number*

Compute the distance, in meters, between two map features.

Params	
map Feature	Component
centroids	Boolean

Distance To Point

Returns: *Number*

Compute the distance, in meters, between a map feature and a latitude, longitude point.

Params	
latitude	`Number`
longitude	`Number`
centroid	`Boolean`

Hide Infobox

Hide the infobox if it is shown. If the infobox is not visible this function has no effect.

Show Infobox

Show the infobox for the feature. This will show the infobox even if

Properties

Description

`Text` — `Read` `Write` - `Designer` `Blocks`

The description displayed in the info window that appears when the user clicks on the map feature.

Draggable

`Boolean` `Default: False` — `Read` `Write` - `Designer` `Blocks`

The Draggable property is used to set whether or not the user can drag the Marker by long-pressing and then dragging the marker to a new location.

Enable Infobox

`Boolean` `Default: False` — `Read` `Write` - `Designer` `Blocks`

Enable or disable the infobox window display when the user taps the feature.

Fill Color

`Color` `Default: #F34336FF` 🟥 — `Read` `Write` - `Designer` `Blocks`

The paint color used to fill in the map feature.

Fill Opacity

`Number` `Default: 1.0` — `Read` `Write` - `Designer` `Blocks`

The opacity of the interior of the map feature.

Hole Points

`List` — `Read` `Write` - `Blocks`

Hole Points From String

`Text` — `Write` - `Designer` `Blocks`

Constructs holes in a polygon from a given list of coordinates per hole.

Points

`List` — `Read` `Write` - `Blocks`

Gets or sets the sequence of points used to draw the polygon.

Points From String

`Text` — `Write` - `Designer` `Blocks`

Constructs a polygon from the given list of coordinates.

Stroke Color

`Color` `Default: #000000FF` ■ — `Read` `Write` - `Designer` `Blocks`

The paint color used to outline the map feature.

Stroke Opacity

`Number` `Default: 1.0` — `Read` `Write` - `Designer` `Blocks`

The opacity of the stroke used to outline the map feature.

Stroke Width

`Number` `Default: 1` — `Read` `Write` - `Designer` `Blocks`

The width of the stroke used to outline the map feature.

Title

`Text` — `Read` `Write` - `Designer` `Blocks`

The title displayed in the info window that appears when the user clicks on the map feature.

Type

`Text` — `Read` - `Blocks`

The type of the feature. For polygons, this returns the text "Polygon".

Visible

`Boolean` `Default: True` — `Read` `Write` - `Designer` `Blocks`

Specifies whether the component should be visible on the screen. Value is true if the component is showing and false if hidden.