

# Line String

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

## Overview

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A visible component that draws a sequence of line segments on a Map component.

## Events

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### 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

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### 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

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### 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.

### Points

**List** — **Read** **Write** - **Blocks**

A list of latitude and longitude pairs that represent the line segments of the polyline.

## Points From String

**Text** — **Write** - **Designer** **Blocks**

Set the points of the LineString from a specially-coded character string of the form:[[longitude1, latitude1], [longitude2, latitude2], ...]Note the reversal of latitude and longitude versus how they are typically represented.

## 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: 3** — **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 map feature.

## 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.

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Last update: January 25, 2020