

Package com.jsf2leaf.model

Class Summary

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com.jsf2leaf.model

Class Circle

```
java.lang.Object
|
+--com.jsf2leaf.model.Circle
```

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```
public class Circle
    extends java.lang.Object
```

Constructors

Circle

```
public Circle()
```

Methods

getColor

```
public java.lang.String getColor()
```

getFillColor

```
public java.lang.String getFillColor()
```

getFillOpacity

```
public double getFillOpacity()
```

getPopupMsg

```
public java.lang.String getPopupMsg()
```

getPosition

```
public LatLng getPosition()
```

getRadius

```
public int getRadius()
```

getWeight

```
public int getWeight()
```

setColor

```
public Circle setColor(java.lang.String color)
```

setFillColor

```
public Circle setFillColor(java.lang.String fillColor)
```

Set the Circle fill color, accepts HTML color codes

Parameters:

fillColor - Ex: "blue" or "#FF0000"

setFillOpacity

```
public Circle setFillOpacity(double fillOpacity)
```

Set the Circle fill color transparency

Parameters:

fillOpacity - Accepts 0.0 to 1.0, Where 0.0 = Transparent and 1.0 = Solid

setPopupMsg

```
public Circle setPopupMsg(java.lang.String popupMsg)
```

setPosition

```
public Circle setPosition(LatLong position)
```

Set the Circle center position

setRadius

```
public Circle setRadius(int radius)
```

Set the Circle radius

Parameters:

radius - Meters unit

setWeight

```
public Circle setWeight(int weight)
```

Set the width of the Circle border

Parameters:

weight - Width in pixels

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

com.jsf2leaf.model

Class LatLong

```
java.lang.Object
|
+--com.jsf2leaf.model.LatLong
```

< [Constructors](#) > < [Methods](#) >

```
public class LatLong
extends java.lang.Object
```

Constructors

LatLong

```
public LatLong(java.lang.String latitude,
               java.lang.String longitude)
```

Methods

getLatitude

```
public java.lang.String getLatitude()
```

getLongitude

```
public java.lang.String getLongitude()
```

setLatitude

```
public LatLong setLatitude(java.lang.String latitude)
```

setLongitude

```
public LatLong setLongitude(java.lang.String longitude)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

com.jsf2leaf.model

Class Layer

```
java.lang.Object
|
+--com.jsf2leaf.model.Layer
```

< [Constructors](#) > < [Methods](#) >

```
public class Layer
extends java.lang.Object
```

Constructors

Layer

```
public Layer()
```

Methods

addCircle

```
public Layer addCircle(Circle circle)
```

addCircle

```
public Layer addCircle(java.util.List circles)
```

addMarker

```
public Layer addMarker(Marker marker)
```

addMarker

```
public Layer addMarker(java.util.List markers)
```

addPolyline

```
public Layer addPolyline(Polyline polyline)
```

addPolyline

```
public Layer addPolyline(java.util.List polylines)
```

getCircles

```
public java.util.List getCircles()
```

getClusterDisableAtZoom

```
public int getClusterDisableAtZoom()
```

getClusterMaxRadius

```
public int getClusterMaxRadius()
```

getLabel

```
public java.lang.String getLabel()
```

getMarkers

```
public java.util.List getMarkers()
```

getPolylines

```
public java.util.List getPolylines()
```

isChecked

```
public boolean isChecked()
```

isClusterEnabled

```
public boolean isClusterEnabled()
```

setChecked

```
public Layer setChecked(boolean checked)
```

Set if the Layer checkbox will be checked

setClusterDisableAtZoom

```
public Layer setClusterDisableAtZoom(int clusterDisableAtZoom)
```

Set the the zoom level where cluster will be disabled, then you can see the markers

Parameters:

clusterDisableAtZoom - Zoom level: 1 to 19

setClusterEnabled

```
public Layer setClusterEnabled(boolean clusterEnabled)
```

Enable layer clusterization, useful for large datasets

setClusterMaxRadius

```
public Layer setClusterMaxRadius(int clusterMaxRadius)
```

Set the maximum radius that a cluster will cover from the central marker

Parameters:

clusterMaxRadius - Cluster radius in pixels

setLabel

```
public Layer setLabel(java.lang.String label)
```

Set the Layer checkbox label

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

com.jsf2leaf.model

Class Map

```
java.lang.Object
|
+--com.jsf2leaf.model.Map
```

< [Constructors](#) > < [Methods](#) >

```
public class Map
extends java.lang.Object
```

Constructors

Map

```
public Map()
```

Methods

addLayer

```
public Map addLayer(Layer layer)
```

addLayer

```
public Map addLayer(java.util.List layers)
```

getAttribution

```
public java.lang.String getAttribution()
```

getCenter

```
public LatLng getCenter()
```

getHeight

```
public java.lang.String getHeight()
```

getLayers

```
public java.util.List getLayers()
```

getMaxZoom

```
public int getMaxZoom()
```

getMinZoom

```
public int getMinZoom()
```

getWidth

```
public java.lang.String getWidth()
```

getZoom

```
public int getZoom()
```

isDraggingEnabled

```
public boolean isDraggingEnabled()
```

isLayerControl

```
public boolean isLayerControl()
```

isZoomControl

```
public boolean isZoomControl()
```

isZoomEnabled

```
public boolean isZoomEnabled()
```

setAttribution

```
public Map setAttribution(java.lang.String attribution)
```

Set the Map attribution/credits

setCenter

```
public Map setCenter(LatLng center)
```

Set the Map start position

setDraggingEnabled

```
public Map setDraggingEnabled(boolean draggingEnabled)
```

Set if the Map will be allowed do move

setHeight

```
public Map setHeight(java.lang.String height)
```

setLayerControl

```
public Map setLayerControl(boolean layerControl)
```

Set if the Map will have the layers checkbox control panel

setMaxZoom

```
public Map setMaxZoom(int maxZoom)
```

Set the maximum allowed zoom of the Map

setMinZoom

```
public Map setMinZoom(int minZoom)
```

Set the minimum allowed zoom of the Map

setWidth

```
public Map setWidth(java.lang.String width)
```

setZoom

```
public Map setZoom(int zoom)
```

Set the initial Map zoom

setZoomControl

```
public Map setZoomControl(boolean zoomControl)
```

Set if the Map will have the zoom buttons

setZoomEnabled

```
public Map setZoomEnabled(boolean zoomEnabled)
```

Set if zoom will be available on the Map

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

com.jsf2leaf.model

Class Marker

```
java.lang.Object
|
+--com.jsf2leaf.model.Marker
```

< [Constructors](#) > < [Methods](#) >

```
public class Marker
extends java.lang.Object
```

Constructors

Marker

```
public Marker(LatLng position)
```

Marker

```
public Marker(LatLng position,
              java.lang.String popupMsg)
```

Methods

getPopupMsg

```
public java.lang.String getPopupMsg()
```

getPosition

```
public LatLng getPosition()
```

setPopupMsg

```
public Marker setPopupMsg(java.lang.String popupMsg)
```

setPosition

```
public Marker setPosition(LatLng position)
```

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

com.jsf2leaf.model

Class Polyline

```
java.lang.Object
|
+--com.jsf2leaf.model.Polyline
```

< [Constructors](#) > < [Methods](#) >

```
public class Polyline
extends java.lang.Object
```

Constructors

Polyline

```
public Polyline()
```

Methods

addPoint

```
public Polyline addPoint(LatLng point)
```

addPoint

```
public Polyline addPoint(java.util.List points)
```

getColor

```
public java.lang.String getColor()
```

getPoints

```
public java.util.List getPoints()
```

getPopupMsg

```
public java.lang.String getPopupMsg()
```

getWeight

```
public int getWeight()
```

setColor

```
public Polyline setColor(java.lang.String color)
```

setPopupMsg

```
public Polyline setPopupMsg(java.lang.String popupMsg)
```

setWeight

```
public Polyline setWeight(int weight)
```

Set the width of the Polyline

Parameters:

weight - Width in pixels

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object