

EV3 UI

Non-Visible component

Category	Requires	Version
LEGO® MINDSTORMS® > EV3	API 19, Android 4.4 - 4.4.4 KitKat	1

Overview

A component that provides a high-level interface to a LEGO MINDSTORMS EV3 robot, with functions to draw graphs on EV3 screen.

Permissions

- `android.permission.INTERNET`
- `android.permission.READ_EXTERNAL_STORAGE`
- `android.permission.WRITE_EXTERNAL_STORAGE`

Methods

Draw Circle

Draw a circle on the screen.

Params	
color	Number
x	Number
y	Number
radius	Number
fill	Boolean

Draw Icon

Draw a built-in icon on screen.

Params	
color	Number
x	Number
y	Number
type	Number
no	Number

Draw Line

Draw a line on the screen.

Params	
color	<input type="text" value="Number"/>
x1	<input type="text" value="Number"/>
y1	<input type="text" value="Number"/>
x2	<input type="text" value="Number"/>
y2	<input type="text" value="Number"/>

Draw Point

Draw a point on the screen.

Params	
color	<input type="text" value="Number"/>
x	<input type="text" value="Number"/>
y	<input type="text" value="Number"/>

Draw Rect

Draw a rectangle on the screen.

Params	
color	Number
x	Number
y	Number
width	Number
height	Number
fill	Boolean

Fill Screen

Fill the screen with a color.

Params	
color	Number

Properties

Bluetooth Client

Component — Read Write - **Designer** **Blocks**

The BluetoothClient component that should be used for communication.

Last update: January 26, 2020