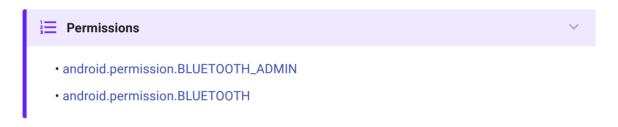
# Bluetooth Server

### Non-Visible component

Category	Requires	Version
Connectivity	API 19, Android 4.4 - 4.4.4 KitKat	5

# Overview

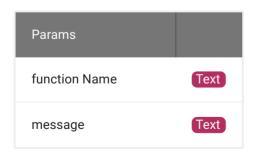
A non-visible component that acts as a bluetooth server.



## **Events**

### BluetoothError

The BluetoothError event is no longer used. Please use the Screen.ErrorOccurred event instead.



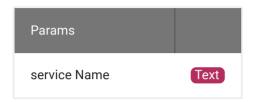
# Connection Accepted

Indicates that a bluetooth connection has been accepted.

# Methods

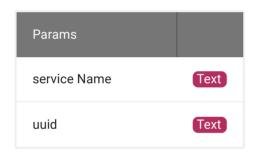
## **Accept Connection**

Accept an incoming connection with the Serial Port Profile (SPP).



## Accept Connection With UUID

Accept an incoming connection with a specific UUID.



# Bytes Available To Receive

### Returns: Number

Returns an estimate of the number of bytes that can be received without blocking

### **Disconnect**

Disconnect from the connected Bluetooth device.

## Receive Signed 1 Byte Number

### Returns: Number

Receive a signed 1-byte number from the connected Bluetooth device.

# Receive Signed 2 Byte Number

### Returns: Number

Receive a signed 2-byte number from the connected Bluetooth device.

## Receive Signed 4 Byte Number

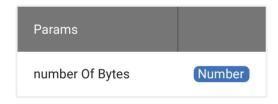
### Returns: Number

Receive a signed 4-byte number from the connected Bluetooth device.

## Receive Signed Bytes

#### Returns: List

Receive multiple signed byte values from the connected Bluetooth device. If numberOfBytes is less than 0, read until a delimiter byte value is received.



### Receive Text

### Returns: Text

Receive text from the connected Bluetooth device. If numberOfBytes is less than 0, read until a delimiter byte value is received.



# Receive Unsigned 1 Byte Number

### Returns: Number

Receive an unsigned 1-byte number from the connected Bluetooth device.

### Receive Unsigned 2 Byte Number

### Returns: Number

Receive a unsigned 2-byte number from the connected Bluetooth device.

### Receive Unsigned 4 Byte Number

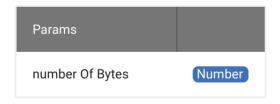
#### Returns: Number

Receive a unsigned 4-byte number from the connected Bluetooth device.

### Receive Unsigned Bytes

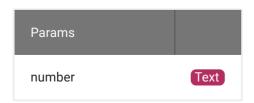
### Returns: List

Receive multiple unsigned byte values from the connected Bluetooth device. If numberOfBytes is less than 0, read until a delimiter byte value is received.



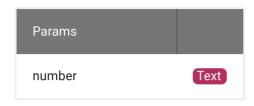
# Send 1 Byte Number

Send a 1-byte number to the connected Bluetooth device.



# Send 2 Byte Number

Send a 2-byte number to the connected Bluetooth device.



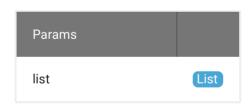
# Send 4 Byte Number

Send a 4-byte number to the connected Bluetooth device.



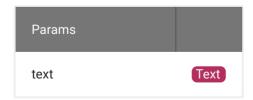
# Send Bytes

Send a list of byte values to the connected Bluetooth device.



### Send Text

Send text to the connected Bluetooth device.



### Stop Accepting

Stop accepting an incoming connection.

# **Properties**

#### Available

```
Boolean — Read - Blocks
```

Whether Bluetooth is available on the device

### Character Encoding

```
Text Default: UTF-8 — Read Write - Designer Blocks
```

Sets the character encoding to use when sending and receiving text.

## Delimiter Byte

```
Number Default: 0 — Read Write - Designer Blocks
```

Sets the delimiter byte to use when passing a negative number for thenumberOfBytes parameter when calling ReceiveText, ReceiveSignedBytes, orReceiveUnsignedBytes.

#### Enabled

Whether Bluetooth is enabled

## High Byte First

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

Returns true if numbers are sent and received with the most significantlyte first.

### Is Accepting

Returns true if this BluetoothServer component is accepting anincoming connection.

#### Is Connected

Returns true if a connection to a Bluetooth device has been made.

### Secure

Whether to invoke SSP (Simple Secure Pairing), which is supported on devices with Bluetooth v2.1 or higher. When working with embedded Bluetooth devices, this property may need to be set to False. For Android 2.0-2.2, this property setting will be ignored.

Last update: January 26, 2020