

# android. bluetooth

Added in [API level 5](#) (/guide/topics/manifest/uses-sdk-element#ApiLevels)

[Kotlin](#) (/reference/kotlin/android/bluetooth/package-summary) | **Java**

## Interfaces

<a href="#">BluetoothAdapter.LeScanCallback</a> (/reference/android/bluetooth/BluetoothAdapter.LeScanCallback)	Callback interface used to deliver LE scan results.
<a href="#">BluetoothProfile</a> (/reference/android/bluetooth/BluetoothProfile)	Public APIs for the Bluetooth Profiles.
<a href="#">BluetoothProfile.ServiceListener</a> (/reference/android/bluetooth/BluetoothProfile.ServiceListener)	An interface for notifying BluetoothProfile IPC clients when they have been connected or disconnected to the service.

## Classes

<a href="#">BluetoothA2dp</a> (/reference/android/bluetooth/BluetoothA2dp)	This class provides the public APIs
<a href="#">BluetoothAdapter</a> (/reference/android/bluetooth/BluetoothAdapter)	Represents the local device Bluetooth
<a href="#">BluetoothAssignedNumbers</a> (/reference/android/bluetooth/BluetoothAssignedNumbers)	Bluetooth Assigned Numbers.
<a href="#">BluetoothClass</a> (/reference/android/bluetooth/BluetoothClass)	Represents a Bluetooth class, which capabilities of a device.
<a href="#">BluetoothClass.Device</a> (/reference/android/bluetooth/BluetoothClass.Device)	Defines all device class constants.
<a href="#">BluetoothClass.Device.Major</a> (/reference/android/bluetooth/BluetoothClass.Device.Major)	Defines all major device class const
<a href="#">BluetoothClass.Service</a> (/reference/android/bluetooth/BluetoothClass.Service)	Defines all service class constants.
<a href="#">BluetoothCodecConfig</a> (/reference/android/bluetooth/BluetoothCodecConfig)	Represents the codec configurator

<a href="#">BluetoothCodecConfig.Builder</a> (/reference/android/bluetooth/BluetoothCodecConfig.Builder)	Builder for <b>BluetoothCodecConf</b> : (/reference/android/bluetooth/Blue
<a href="#">BluetoothCodecStatus</a> (/reference/android/bluetooth/BluetoothCodecStatus)	Represents the codec status (confi A2DP source device.
<a href="#">BluetoothCodecStatus.Builder</a> (/reference/android/bluetooth/BluetoothCodecStatus.Builder)	Builder for <b>BluetoothCodecStat</b> : (/reference/android/bluetooth/Blue
<a href="#">BluetoothCsipSetCoordinator</a> (/reference/android/bluetooth/BluetoothCsipSetCoordinator)	This class provides the public APIs coordinator.
<a href="#">BluetoothDevice</a> (/reference/android/bluetooth/BluetoothDevice)	Represents a remote Bluetooth dev
<a href="#">BluetoothGatt</a> (/reference/android/bluetooth/BluetoothGatt)	Public API for the Bluetooth GATT P
<a href="#">BluetoothGattCallback</a> (/reference/android/bluetooth/BluetoothGattCallback)	This abstract class is used to imple (/reference/android/bluetooth/Blue
<a href="#">BluetoothGattCharacteristic</a> (/reference/android/bluetooth/BluetoothGattCharacteristic)	Represents a Bluetooth GATT Char: A GATT characteristic is a basic dat service, <b>BluetoothGattService</b> (/reference/android/bluetooth/Blue
<a href="#">BluetoothGattDescriptor</a> (/reference/android/bluetooth/BluetoothGattDescriptor)	Represents a Bluetooth GATT Desc: GATT Descriptors contain additiona characteristic, <b>BluetoothGattCh</b> : (/reference/android/bluetooth/Blue
<a href="#">BluetoothGattServer</a> (/reference/android/bluetooth/BluetoothGattServer)	Public API for the Bluetooth GATT P
<a href="#">BluetoothGattServerCallback</a> (/reference/android/bluetooth/BluetoothGattServerCallback)	This abstract class is used to imple (/reference/android/bluetooth/Blue
<a href="#">BluetoothGattService</a> (/reference/android/bluetooth/BluetoothGattService)	Represents a Bluetooth GATT Servi Gatt Service contains a collection o (/reference/android/bluetooth/Blue referenced services.
<a href="#">BluetoothHeadset</a> (/reference/android/bluetooth/BluetoothHeadset)	Public API for controlling the Blueto
<a href="#">BluetoothHealth</a> (/reference/android/bluetooth/BluetoothHealth)	<i>This class was deprecated in API le MCAP protocol are no longer used. Energy based solutions such as <b>Bl</b> (/reference/android/bluetooth/Blue <b>BluetoothAdapter.listenUsir</b> (/reference/android/bluetooth/Blue , or <b>BluetoothDevice.createL2</b> (/reference/android/bluetooth/Blue</i>

<a href="#">BluetoothHealthAppConfiguration</a> (/reference/android/bluetooth/BluetoothHealthAppConfiguration)	<i>This class was deprecated in API level 28. The MCAP protocol are no longer used. Energy based solutions such as <a href="#">BluetoothEnergyService</a>, <a href="#">BluetoothEnergyServiceAdapter</a>, <a href="#">BluetoothEnergyServiceAdapter.Builder</a>, or <a href="#">BluetoothEnergyServiceAdapter.Builder</a> are recommended.</i>
<a href="#">BluetoothHealthCallback</a> (/reference/android/bluetooth/BluetoothHealthCallback)	<i>This class was deprecated in API level 28. The MCAP protocol are no longer used. Energy based solutions such as <a href="#">BluetoothEnergyService</a>, <a href="#">BluetoothEnergyServiceAdapter</a>, <a href="#">BluetoothEnergyServiceAdapter.Builder</a>, or <a href="#">BluetoothEnergyServiceAdapter.Builder</a> are recommended.</i>
<a href="#">BluetoothHearingAid</a> (/reference/android/bluetooth/BluetoothHearingAid)	This class provides the public APIs to control hearing aid devices.
<a href="#">BluetoothHidDevice</a> (/reference/android/bluetooth/BluetoothHidDevice)	Provides the public APIs to control HID devices.
<a href="#">BluetoothHidDevice.Callback</a> (/reference/android/bluetooth/BluetoothHidDevice.Callback)	The template class that application implements to receive data from the HID host.
<a href="#">BluetoothHidDeviceAppQosSettings</a> (/reference/android/bluetooth/BluetoothHidDeviceAppQosSettings)	Represents the Quality of Service (QoS) settings for an application.
<a href="#">BluetoothHidDeviceAppSdpSettings</a> (/reference/android/bluetooth/BluetoothHidDeviceAppSdpSettings)	Represents the Service Discovery Protocol (SDP) settings for a Device application.
<a href="#">BluetoothLeAudio</a> (/reference/android/bluetooth/BluetoothLeAudio)	This class provides the public APIs to control Bluetooth LE Audio.
<a href="#">BluetoothLeAudioCodecConfig</a> (/reference/android/bluetooth/BluetoothLeAudioCodecConfig)	Represents the codec configuration for Bluetooth LE Audio.
<a href="#">BluetoothLeAudioCodecConfig.Builder</a> (/reference/android/bluetooth/BluetoothLeAudioCodecConfig.Builder)	Builder for <a href="#">BluetoothLeAudioCodecConfig</a> .
<a href="#">BluetoothLeAudioCodecStatus</a> (/reference/android/bluetooth/BluetoothLeAudioCodecStatus)	Represents the codec status (configuration and source device).
<a href="#">BluetoothManager</a> (/reference/android/bluetooth/BluetoothManager)	High level manager used to obtain BluetoothManager instance. (/reference/android/bluetooth/BluetoothManager)
<a href="#">BluetoothServerSocket</a> (/reference/android/bluetooth/BluetoothServerSocket)	A listening Bluetooth socket.
<a href="#">BluetoothSocket</a> (/reference/android/bluetooth/BluetoothSocket)	A connected or connecting Bluetooth socket.

<a href="/reference/android/bluetooth/BluetoothStatusCodes">BluetoothStatusCodes</a> (/reference/android/bluetooth/BluetoothStatusCodes)	A class with constants representing
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## Exceptions

<a href="/reference/android/bluetooth/BluetoothSocketException">BluetoothSocketException</a> (/reference/android/bluetooth/BluetoothSocketException)	Thrown when an error occurs during a Bluetooth Socket related exception.
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Last updated 2024-04-11 UTC.