

BluetoothController

```
- activity : AppCompatActivity {val}  
- bluetoothManager : BluetoothManager? = null  
- bluetoothAdapter : BluetoothAdapter? = null  
- resultChan : Channel<Any> {val} = Channel()  
+ isBluetoothSupported : Boolean {val}  
+ isBluetoothSetup : Boolean {var private set}  
+ isDiscovering : AtomicVar<Boolean> {val} = atomicVar(false)  
- bluetoothEnableActivityResultLauncher : ActivityResultLauncher<Intent> {lateinit var}  
- bluetoothDiscoveryBroadcastReceiver : BluetoothDiscoveryBroadcastReceiver {val}  
    = BluetoothDiscoveryBroadcastReceiver  
- controllerOnDeviceDiscovered : (BluetoothDevice) -> Unit {val}  
- controllerOnDiscoveryFinished : () -> Unit {val}  
- scope : CoroutineScope {val} = activity.lifecycleScope
```

```
BluetoothController(AppCompatActivity, CoroutineScope)  
- checkSupportOrThrow()  
- checkSetupOrThrow()  
+ setupBluetooth((Boolean) -> Unit)  
+ discoverDevices((BluetoothDevice) -> Unit) : Set<BluetoothDevice> {suspend}  
+ cancelDiscovery() {suspend}  
+ discoverySearch(DiscoverySearchOptions.() -> Unit) : Optional<BluetoothDevice> {suspend}  
+ connectToRfcommService(BluetoothDevice, String) : BluetoothSocket {suspend}  
+ connectToRfcommServiceOfPairedDevice(String, String) : BluetoothSocket {suspend}  
+ tryConnectToRfcommService(String, String) : Optional<BluetoothSocket> {suspend}  
+ searchAndConnect(String, String) : Optional<BluetoothSocket> {suspend}  
+ getPairedDevices() : Set<BluetoothDevice>  
+ getPairedDeviceByAddress(String) : Optional<BluetoothDevice>  
+ getPairedDeviceByName(String) : Optional<BluetoothDevice>  
+ getPairedDevice(String, String) : Optional<BluetoothDevice>  
+ isAddressOfPairedDevice(String) : Boolean  
+ isNameOfPairedDevice(String) : Boolean  
+ isPairedDevice(String, String) : Boolean
```