



Linux Ubuntu 26.04 Manual Pages on command 'bluetoothctl-scan.1'

\$ man bluetoothctl-scan.1

bluetoothctl-scan(1) Linux System Administration bluetoothctl-scan(1)

Name

bluetoothctl-scan - Scan Submenu

SYNOPSIS

bluetoothctl [--options] [scan.commands]

Scan Commands

uuids

Set/Get UUIDs filter.

Usage > uuids [all/uuid1 uuid2 ...]

rss

Set/Get RSSI filter, and clears pathloss.

This sets the minimum rssi value for reporting device advertisements.

The value is in dBm.

If one or more discovery filters have been set, the RSSI delta-threshold imposed by starting discovery by default will not be applied.

Usage > rssi [rssi]

Example

> rssi -60

pathloss

Set/Get Pathloss filter, and clears RSSI.

This sets the maximum pathloss value for reporting device advertisements.

The value is in dB.

If one or more discovery filters have been set, the RSSI delta-threshold imposed by starting

discovery by default will not be applied.

Usage > pathloss [pathloss]

Example

> pathloss 4

transport

Set/Get transport filter.

Transport parameter determines the type of scan.

The default is auto.

Possible values:

? "auto": interleaved scan

? "breldr": BR/EDR inquiry

? "le": LE scan only

If "le" or "breldr" Transport is requested and the controller doesn't support it, an `org.bluez.Error.Failed` error will be returned.

If "auto" transport is requested, the scan will use LE, BREDR, or both, depending on what's currently enabled on the controller.

Usage > transport [auto/breldr/le]

duplicate-data

Set/Get duplicate data filter.

Disables duplicate detection of advertisement data.

When enabled, `PropertiesChanged` signals will be generated for `ManufacturerData` and `Service?`

Data every time they are discovered.

Usage > duplicate-data [on/off]

discoverable

Set/Get discoverable filter.

Makes the adapter discoverable while discovering.

If the adapter is already discoverable, setting this filter won't have any effect.

Usage > discoverable [on/off]

pattern

Set/Get pattern filter.

Discover devices where the pattern matches either the prefix of the address or the device name, which is a convenient way to limit the number of device objects created during a discovery.

When set, it disregards device discoverable flags.

Note The pattern matching is ignored if there are other clients that don't set any pattern, as it works as a logical OR. Also, setting an empty string "" pattern will match any device found.

Usage > pattern [value]

auto-connect

Set/Get auto-connect filter.

Connect to discovered devices automatically if pattern filter has been set and it matches the device address or name and the device is connectable.

Usage > auto-connect [on/off]

clear

Clears discovery filter.

Usage > clear [uuids/rssi/pathloss/transport/duplicate-data/discoverable/pattern]

RESOURCES

<<http://www.bluez.org>>

REPORTING BUGS

<linux-bluetooth@vger.kernel.org>

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