NAME

libinput-debug-events - debug helper for libinput

SYNOPSIS

libinput debug-events *[options]*

libinput debug-events *[options]* **--udev** <*seat*>

libinput debug-events *[options]* **[--device]** */dev/input/event0* **[***/dev/input/event1***...]**

DESCRIPTION

The **libinput debug-events** tool creates a libinput context and prints all events from these devices.

This is a debugging tool only, its output may change at any time. Do not rely on the output.

This tool usually needs to be run as root to have access to the /dev/input/eventX nodes.

OPTIONS

--device */dev/input/event0*

Use the given device(s) with the path backend. The **--device** argument may be omitted.

--grab Exclusively grab all opened devices. This will prevent events from being delivered to the host system.

--help Print help

--quiet Only print libinput messages, don’t print anything from this tool. This is useful in combination with --verbose for internal state debugging.

--show-keycodes

Key events shown by this tool are partially obfuscated to avoid passwords and other sensitive information showing up in the output. Use the **--show-keycodes** argument to make all keycodes visible.

--udev <*seat*>

Use the udev backend to listen for device notifications on the given seat. The default behavior is equivalent to --udev "seat0".

--verbose

Use verbose output

libinput configuration options

--apply-to="pattern"

Configuration options are only applied where the device name matches the pattern. This pattern has no effect on the **--disable-sendevents** option.

--disable-sendevents="pattern"

Set the send-events option to disabled for the devices matching patterns. This option is not affected by the **--apply-to="pattern"** option.

--enable-tap|--disable-tap

Enable or disable tap-to-click

--enable-drag|--disable-drag

Enable or disable tap-and-drag

--enable-drag-lock|--disable-drag-lock

Enable or disable drag-lock

--enable-natural-scrolling|--disable-natural-scrolling

Enable or disable natural scrolling

--enable-left-handed|--disable-left-handed

Enable or disable left handed button configuration

--enable-middlebutton|--disable-middlebutton

Enable or disable middle button emulation

--enable-dwt|--disable-dwt

Enable or disable disable-while-typing

--enable-dwtp|--disable-dwtp

Enable or disable disable-while-trackpointing

--enable-scroll-button-lock|--disable-scroll-button-lock

Enable or disable the scroll button lock

--set-click-method=[none|clickfinger|buttonareas]

Set the desired click method

--set-scroll-method=[none|twofinger|edge|button]

Set the desired scroll method

--set-scroll-button=BTN_MIDDLE
Set the button to the given button code

--set-profile=[adaptive|flat|custom]
Set pointer acceleration profile

--set-speed=<value>
Set pointer acceleration speed. The allowed range is [-1, 1]. This only applies to the flat or adaptive profile.

--set-custom-points="<value>;...;<value>"
Sets the n points defining a custom acceleration function The points are defined in a semicolon-separated list of floating point non-negative numbers. Defaults to "0.0;1.0". This only applies to the custom profile.

--set-custom-step=<value>
Sets the distance along the x-axis between each point, starting from 0. Defaults to 1.0. This only applies to the custom profile.

--set-custom-type=[fallback|motion|scroll]
Sets the type of the custom acceleration function. Defaults to fallback. This only applies to the custom profile.

--set-tap-map=[lrm|lmr]
Set button mapping for tapping

--set-rotation-angle=<degrees>
Set the rotation angle in degrees (0 to 360).

NOTES

Events shown by this tool may not correspond to the events seen by a different user of libinput. This tool initializes a separate context.

LIBINPUT

Part of the **libinput(1)** suite