

sysfs-class-rfkill..txt

rfkill - radio frequency (RF) connector kill switch support

For details to this subsystem look at Documentation/rfkill.txt.

For the deprecated /sys/class/rfkill/*/state and /sys/class/rfkill/*/claim knobs of this interface look in Documentation/ABI/obsolete/sysfs-class-rfkill.

What: /sys/class/rfkill
Date: 09-Jul-2007
KernelVersion: v2.6.22
Contact: linux-wireless@vger.kernel.org,
Description: The rfkill class subsystem folder.
Each registered rfkill driver is represented by an rfkillX
subfolder (X being an integer > 0).

What: /sys/class/rfkill/rfkill[0-9]+/name
Date: 09-Jul-2007
KernelVersion: v2.6.22
Contact: linux-wireless@vger.kernel.org
Description: Name assigned by driver to this key (interface or driver name).
Values: arbitrary string.

What: /sys/class/rfkill/rfkill[0-9]+/type
Date: 09-Jul-2007
KernelVersion: v2.6.22
Contact: linux-wireless@vger.kernel.org
Description: Driver type string ("wlan", "bluetooth", etc).
Values: See include/linux/rfkill.h.

What: /sys/class/rfkill/rfkill[0-9]+/persistent
Date: 09-Jul-2007
KernelVersion: v2.6.22
Contact: linux-wireless@vger.kernel.org
Description: Whether the soft blocked state is initialised from non-volatile
storage at startup.
Values: A numeric value.
0: false
1: true

What: /sys/class/rfkill/rfkill[0-9]+/hard
Date: 12-March-2010
KernelVersion: v2.6.34
Contact: linux-wireless@vger.kernel.org
Description: Current hardblock state. This file is read only.
Values: A numeric value.
0: inactive
The transmitter is (potentially) active.
1: active
The transmitter is forced off by something outside of
the driver's control.

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What: /sys/class/rfkill/rfkill[0-9]+/soft
Date: 12-March-2010
KernelVersion: v2.6.34
Contact: linux-wireless@vger.kernel.org
Description: Current softblock state. This file is read and write.
Values: A numeric value.
0: inactive
 The transmitter is (potentially) active.
1: active
 The transmitter is turned off by software.