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Posted by [iamthegoodbot](#) on Fri, 12 Mar 2010 19:35:09 GMT

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iproute:

Quote:# aptitude show iproute

Package: iproute

State: installed

Automatically installed: no

Version: 20080725-2

Priority: important

Section: net

Maintainer: Debian iproute maintainers <ah-iproute@debian.org>

Uncompressed Size: 1008k

Depends: libc6 (>= 2.7-1), libdb4.6

Recommends: libatm1

Suggests: iproute-doc

Conflicts: arpd

Provides: arpd

Description: networking and traffic control tools

The iproute suite, also known as iproute2, is a collection of utilities for networking and traffic control.

These tools communicate with the Linux kernel via the (rt)netlink interface, providing advanced features not available

through the legacy net-tools commands 'ifconfig' and 'route'.

Homepage: <http://www.linux-foundation.org/en/Net:Iproute2>

Quote:

```
root@iambot:~# ip tunnel show
```

```
root@iambot:~# ip link show
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue state UNKNOWN
```

```
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
```

```
2: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue state UNKNOWN
```

```
    link/void
```

```
3: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1280 qdisc noqueue state UNKNOWN
```

```
    link/ether 00:18:51:28:bd:4b brd ff:ff:ff:ff:ff:ff
```

```
root@iambot:~# ip -f inet6 address show
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436
```

```
inet6 ::1/128 scope host
    valid_lft forever preferred_lft forever
3: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1280
    inet6 2001:15c0:65ff:39a::2/64 scope global
        valid_lft forever preferred_lft forever
    inet6 fe80::218:51ff:fe28:bd4b/64 scope link
        valid_lft forever preferred_lft forever
root@iambot:~# ip -f inet6 route show
2001:15c0:65ff:39a::/64 dev eth0 metric 256 mtu 1280 advmss 1220 hoplimit 4294967295
fe80::/64 dev eth0 metric 256 mtu 1280 advmss 1220 hoplimit 4294967295
default via 2001:15c0:65ff:39a::1 dev eth0 metric 1024 mtu 1280 advmss 1220 hoplimit
4294967295
```