ethtool

ethtool is for people who need to manage physical networks

why no internet??

server

oops it would help if your ethernet cable was plugged in
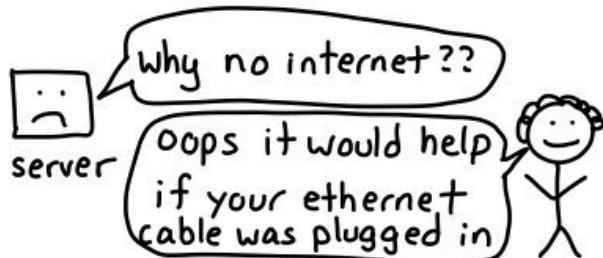
ethtool eth0

name of network interface

this tells you:
- is it even connected? ("link detected")
- speed
- lots more

--show-offload
--offload

your network card can do a lot for you! Like computing checksums. This is called "offloading".

This lets you see/change configured offloads.

--identify INTERFACE

blink the light on the ethernet port. good if you have multiple ports!

-s

Change speed/duplex / other settings of an interface

ethtool -s eth0 speed 100

iwconfig wlan0

ethtool is mostly for Ethernet.

To see the speed (and more) of a wireless connection, use iwconfig!

-S INTERFACE

Show statistics like bytes sent. works for wifi interfaces too.

-i INTERFACE

show firmware info

page 16 of upcoming "bite size networking" zine!