Controlling NetworkManager from the command line

Connection profile is the basic configuration unit in NetworkManager. Connections can be activated on matching devices.

```
nmcli con add
nmcli con modify   Ünternet   <properties>
nmcli con show     Ünternet   <properties>
nmcli con del      Ünternet
nmcli con up       Ünternet
nmcli con down     Ünternet

nmcli con
```
This command lists the known connection profiles.

Connection profiles are activated on devices. Use the nmcli dev command to inspect and control them.

```
nmcli dev show eth0
nmcli dev disconnect eth0
nmcli dev wifi connect 'My Wifi' \
               password sesamepls

nmcli dev              nmcli dev wifi
```
List the known devices.   List the Wi-Fi networks in range

This identifies the connection. You can use the con.id property, or the con.uuid property (optionally prefixed with 'id" or 'uuid" to make it unambigous:

```
nmcli con up id Ünternet
```
Activates the connection on a suitable device.

Properties make up a connection profile. Some of them are specific to certain conn-ection types (Ethernet, Wi-Fi, etc.), some of them are common to all.

See *nm-settings*(5) for a definitive list.

```
con.id                 Ünternet
con.type               ethernet
con.interface-name     eth0
con.autoconnect        yes
ipv4.method            disabled
ipv6.method            auto
ipv6.routes            2001:db8::/64
ipv6.addresses         2001:db8::1/64
ethernet.mtu           1337
```

See also: *nmcli*(1), *nmcli-examples*(5)