Wireshark Packet analyzer GUI

Packet list one row per packet
Packet details protocol tree
Packet bytes raw hex / ASCII

CONCEPTS

The display filter bar narrows what you see; the capture filter (set before starting) narrows what is recorded.

View > Internals > Keyboard Shortcuts lists every shortcut of the main window. On macOS, Ctrl is mostly Cmd.

CAPTURE

Ctrl + K
Open capture options

Ctrl + E
Start or stop capture

Ctrl + R
Reload file / restart capture

FILES

Ctrl + O
Open a capture file

Ctrl + S Save the capture

Ctrl + Shift + S Save as

Ctrl + W
Close the capture

FILES (cont.)

Ctrl + Q Quit Wireshark

NAVIGATION

Ctrl + G
Go to packet number

Ctrl + Down / F8
Next packet

Ctrl + Up / F7
Previous packet

Ctrl + Home First packet

Ctrl + End Last packet

Ctrl + .
Next packet in conversation

Ctrl + ,
Previous packet in conversation

Alt + Right
Next in selection history

Alt + Left
Previous in selection history

Tab / Shift + Tab
Move between panes and widgets

Up / Down
Previous / next row

PACKET DETAILS

Right Open selected item

Left
Close item, or jump to parent

Shift + Right
Expand item and subtrees

Shift + Left
Collapse subtrees

Ctrl + Right Expand all

Ctrl + Left Collapse all

Backspace
Jump to parent node

Enter
Toggle selected item

FIND AND FILTER

Ctrl + F Find packet

Ctrl + N Find next

Ctrl + B Find previous

Ctrl + Shift + A
Configuration profiles

Ctrl + Shift + P
Preferences

FIND AND FILTER (cont.)

Display filter basics

Filter	Matches
`ip.addr == 10.0.0.1`	Either IP address
`tcp.port == 443`	Either TCP port
`http and !dns`	Combine with and / or / !
`frame contains "user"`	Raw bytes or string
`tcp.flags.syn == 1`	SYN set

More filter syntax

Syntax	Meaning
`tcp.port in {80, 8000..8100}`	Value in set or range
`http.host matches "a\.(com|net)"`	Regular expression
`eth.src[0:3] == 00:1a:2b`	Byte slice
`== ≠ > < ≥ ≤`	Compare (eq ne gt lt ge le)

MARKING AND TIME

Ctrl + M
Mark or unmark packet

Ctrl + Shift + M
Mark all displayed

Ctrl + Alt + M
Unmark all displayed

Ctrl + Shift + N
Next marked packet

Ctrl + Shift + B
Previous marked packet

Ctrl + D
Ignore or unignore packet

Ctrl + Shift + D
Ignore all displayed

Ctrl + T
Set or unset time reference

VIEW

Ctrl + =
Zoom in (Ctrl++ also works)

Ctrl + - Zoom out

Ctrl + 0 Normal font size

Ctrl + Shift + R
Resize all columns