Wireshark Bug 9836

Jan Kaisrlik

18.3.2014

Wireshark

- World's foremost network protocol analyzer
 - Live capture and offline analysis
 - Multi-platform
 - The most powerful display filters in the industry
- Started in 1998 (Ethereal)
- Source codes C, C++



Support

- BugZilla
- Git
- Gerrit
 - Web based code review and project management for Git based projects.

Bug 9836

 In "Statistics > Summary" window "Avg. packet size" presented with 3 digits after comma.

Wireshark: Summary - - X C:\Users\Chris Sanders\Desktop\normal_http.pcap Wireshark/tcpdump/... - libpcap Packet size limit: 65535 bytes First packet: 2004-09-02 12:10:46 Last packet: 2004-09-02 17:05:53 Dropped packets: unknown Capture filter: unknown Captured ◆ Displayed ◆ Marked ◆ Between first and last packet 17707.389 sec Avg. packets/sec Avg. packet size 120,539 bytes 1.314 Avg. bytes/sec Avg. MBit/sec 0.000 Close

How to fix

- Repair contant in two files
 - o for GTK and Qt





Solution

- Change contents in files
- Discuss about rounding
- Cherry-picked patch

Communication

- Extremely fast reaction on each commit (1-4 hour)
- Help with gerrit at the beginning

Thank you for attention.