

# SHARKFEST '12

Wireshark Developer and User Conference

**Wireshark 1.8**  
**19 ~~16~~ Cool New Features**  
**to Drool Over**

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**Just Released!**



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## Note

- The video covering these new features should be online at [www.wireshark.org](http://www.wireshark.org) and [www.wiresharkbook.com](http://www.wiresharkbook.com)...

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## Enhancements/Fixes!


### Capture

1. multiple interfaces 
2. separate filters per interface – expand Options window

### Packet info

3. DNS Transaction ID added to Info column
4. ignore TCP Timestamps in Summary (TCP Preference)

### Expert Info




5. LEDs – learn the Expert button color coding faster
6. Fast Retransmissions and Retransmissions under Notes 
7. Window Update excluded from Bad TCP coloring rule 

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## Enhancements/Fixes!

### Miscellaneous





8. Profiles > Create From 
9. IP header checksum disabled 
10. coloring rules - default placement at top 
11. GeoIP IPv6 support (CSV files at maxmind.com)
12. Time Shift feature

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## Enhancements/Fixes!

### Miscellaneous

- 13. Flow Graph maintains Time column setting 
- 14. pcap-ng format is the default (if enabled) 
- 15. TCP Stream Index definition changed 
- 16. Decode As settings can be saved in a Profile 
- 17. File Export Changes

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## Enhancements/Fixes!

### 18. Display filters - save filter expressions

Try this one out – download the *sample profiles* at [wiresharkbook.com](http://wiresharkbook.com) and look at the one titled “laura’s config”



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## Enhancements/Fixes!

### 19. Packet and File Annotations (pcapng required)

Check this one out – download the new  
*pcapng* trace file set from [wiresharkbook.com](http://wiresharkbook.com)

– all trace files are  
annotated and  
many have packet  
annotations as well

