

GSoD 2020 final project report

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- The Google Season of Docs 2020 project inspired me to write a blog post on wordpress.com about [how to contribute to open source without writing code](#).
- The initial idea was to document 35 menu items. At the end there were two extra menu items documented.
- During the GSoD 2020 project I documented 37 menu items for Wireshark network analyzer. All my work was approved and merged to the main project, and now published in the [Wireshark User's Guide](#). You can see the list of my [merge requests in GitLab](#) under the name of Alex Nik. Each merge request includes commit descriptions and sometimes discussions with my mentor and other community members.
- This is the list of the menu items which I documented for Wireshark User's Guide during the GSoD 2020 project:
 - **Defining And Saving Filter Macros**
 - **The "Export PDUs to File..." Dialog Box**
 - **The "Export TLS Session Keys..." Dialog Box**
 - **Bluetooth ATT Server Attributes**
 - **Bluetooth Device**
 - **Bluetooth HCI Summary**
 - **ANSI**
 - **GSM**
 - **ISUP Messages**
 - **LTE RLC Graph**
 - **MTP3**
 - **Osmux**
 - **RTSP**
 - **SCTP**
 - **SMPP Operations**
 - **UCP Messages**
 - **H.225**
 - **SIP Flows**
 - **SIP Statistics**
 - **WAP-WSP Packet Counter**
 - **Resolved Addresses**
 - **DHCP (BOOTP) Statistics**
 - **ONC-RPC Program**
 - **29West**
 - **ANCP**
 - **BACnet**
 - **Collectd**
 - **DNS**
 - **Flow Graph**
 - **HART-IP**

- HPFEEDS
- HTTP2
- Sametime
- UDP Multicast Graphs
- F5
- IPv4 Statistics
- IPv6 Statistics
- One of the challenges was to find all the information on different telecommunication topics from various sources and put them together to precisely document the tool.
- I reached out to various experts for suggestions on improving the domain-specific protocols via different channels, such as email, IRC, GitLab etc.
- My mentor `peter@lekensteyn.nl` and other developers helped me with the suggestions and directions on what should be documented for the User's Guide.
- I'm planning to continue contributing to the Wireshark project to improve the documentation. I'm also planning to continue with a semi-tech blog on wordpress.com platform, where I will try to explain IT in a simple language.
- Inspiration came as visual art as well =)

