

Milestone #9

NetBSD Wifi Browser Project 2022
Dylan Roy, Stephen Loudiana, Kevin McGrane

1 General Progress Report

On the front of the API, nothing needs to be done before the final report. At this point, the GUI will not be in a usable state by the final report let alone the presentation. This is okay since this part of the project was a "if there's time" part of the scope. On top of this, work on the final presentation has begun. CLI is fully functional and can implement the commands needed to run the methods in the API. I wrote some stuff on targets not met but wasn't aware to implement those until after our meeting. Will work on those this week. CLI has the functionality to implement the methods in the API and connect with wpa_supplicant. The API implementation has taken a few big steps in that the layout of the program is fully functioning, and user interactions can be taken and dealt with. While the TUI BSD Makefile has been implemented, and the API call for Available networks is not implemented to gain and display possible network connections.

Accomplishments

- CLI has more common commands such as 'connect', 'disconnect', etc.

Targets Not Met:

- CLI should be able to determine the current connection.
- CLI should be able to determine if a network is an EAP network.
- API implementation not quite at 50 percent but very close

New Expectations: API should at the very least be able to display Available networks and have the user be able to select a network, possible implementation of network info on sub window is also very attainable.

2 Git Branch Report

3 Individual Progress

Kevin: 7 hours, 45 minutes

- implemented sub window for network information display
- Created and implemented BSD Makefile almost fully
- Implemented API functions to get Available networks
- Moved all of the TUI_test branch into master

Dylan: 4 hours

- Marginal progress on GUI
- Started prep for our presentation

Stephen: 4 hours, 4 minutes

- CLI is fully functional and can run the methods in the API
- CLI was reorganized to be more suitable by the requirements and has common commands such as 'connect', 'disconnect', 'forget', 'add', 'edit' and 'configure'.