

Milestone #6

NetBSD Wifi Browser Project 2022
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Current Project State

API - The API at this time is functionally feature complete. The work left to do is to improve the output of the listing functions in particular to simplify the work of interface implementers, and to make changes or fix bugs in response to anything that comes up during the CLI and TUI development this quarter.

CLI -

TUI -

Quarter Tasks

Tasks will be stricken when they are completed like so: ~~Task~~

API

Milestone 7 April 20

- Improve list output for listAvailable and listConfigured
- Move testing program out of `src/` and into `test/`

Milestone 8-9 May 18

- Fix bugs related to CLI and TUI work

CLI

Milestone 7 April 20

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Milestone 8 May 4

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Milestone 6 May 18

-

TUI

Milestone 7 April 20

-

Milestone 8 May 4

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Milestone 6 May 18

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Testing Plan

API Testing

- Ensure list output modifications has not affected previous successful test results

CLI Testing

- User commands are processed correctly
- Print list of available networks to stdout
- Print list of configured networks to stdout
- Connect to network of provided ssid (unsecured)
- Connect to secured network of provided ssid:
 - Prompt for passkey
- Connect to secured network of provided ssid and passkey
- Connect to EAP network of provided ssid:
 - Prompt for username
 - Prompt for password
- Connect to manually configured network
 - Prompt for ssid
 - Create a new network configuration using ssid; select as current configuration
 - Commands to add information to configuration
- Edit a configured network
 - Prompt for ssid
 - Focus network configuration of the specified ssid
 - Commands to edit/add information to the configuration
- Change default configuration file
- Use specified configuration file

TUI Testing