

EdgeX-CLI

Fuji Release Requirements

Features

Commands:

Implemented:

1. Device
 - a. Add
 - b. List
 - c. Rm

2. Deviceservice
 - a. List
 - b. Rm

3. Event
 - a. List
 - b. Rm (by device)

4. Notification
 - a. Add
 - b. Rm

5. Profile
 - a. Add
 - b. List
 - c. Rm

6. Reading
 - a. List

7. Status

8. Subscription
 - a. Add
 - b. Rm

9. Db
 - a. Purge

10. Interval (PR opened)

- a. Add
- b. List
- c. Rm

11. Config:

- a. For first-time users, a config file is created at `~/edgex-cli/config.yml` from hard coded default values.
- b. If config file exists, the CLI will use it to read config.
- c. The user can modify the config file for custom configurations.

Fuji:

1. Notification

- a. List (with filters provided by the API through flags)

2. Db (talk to Diana)

- a. Init

3. Command

- a. Execute (manually send command to device)

4. Valuedescriptor

- a. List
- b. Add
- c. Remove

5. Start (nice to have):

- a. Start service natively (think makefile)
- b. Parameters (service specific or global):
 - i. Registry
 - ii. Security

6. Unit tests

- a. Test for each type of response for each API endpoint
- b. Use simulated response for API testing

7. Version:

- a. Output CLI and Core Service version

Global Flags:

Implemented:

- Verbose: -v or --verbose Prints URL used by entered command

Fuji:

- Dump: -d or --dump Prints out the API's raw JSON response (no formatting)

Distribution

1. *Go get -u github.com/edgexfoundry-holding/edgex-cli*
2. Install source from github manually (most likely for developers)
 - a. *Make install* builds and installs system-wide
3. Snap. Work with Ian to get the snap to the snapstore.

Might be interesting to a pre-release (0.1) in August/September to gather some early feedback from developers.

Versioning: Tagged in tandem with core services

Documentation

The CLI is mostly *self-documented*. Help about each command is easily available through the **help** command or with the **-h** and **--help** flags.

Information on how to get started could live in the repo's **readme** and with the rest of the **EdgeX documentation**.

Robust documentation with rest of EdgeX doc. Build README file in repo and then convert to .rst

Geneva

Open to suggestions. We might need to gather user feedback to get an idea of future directions.

Working with different edgex versions