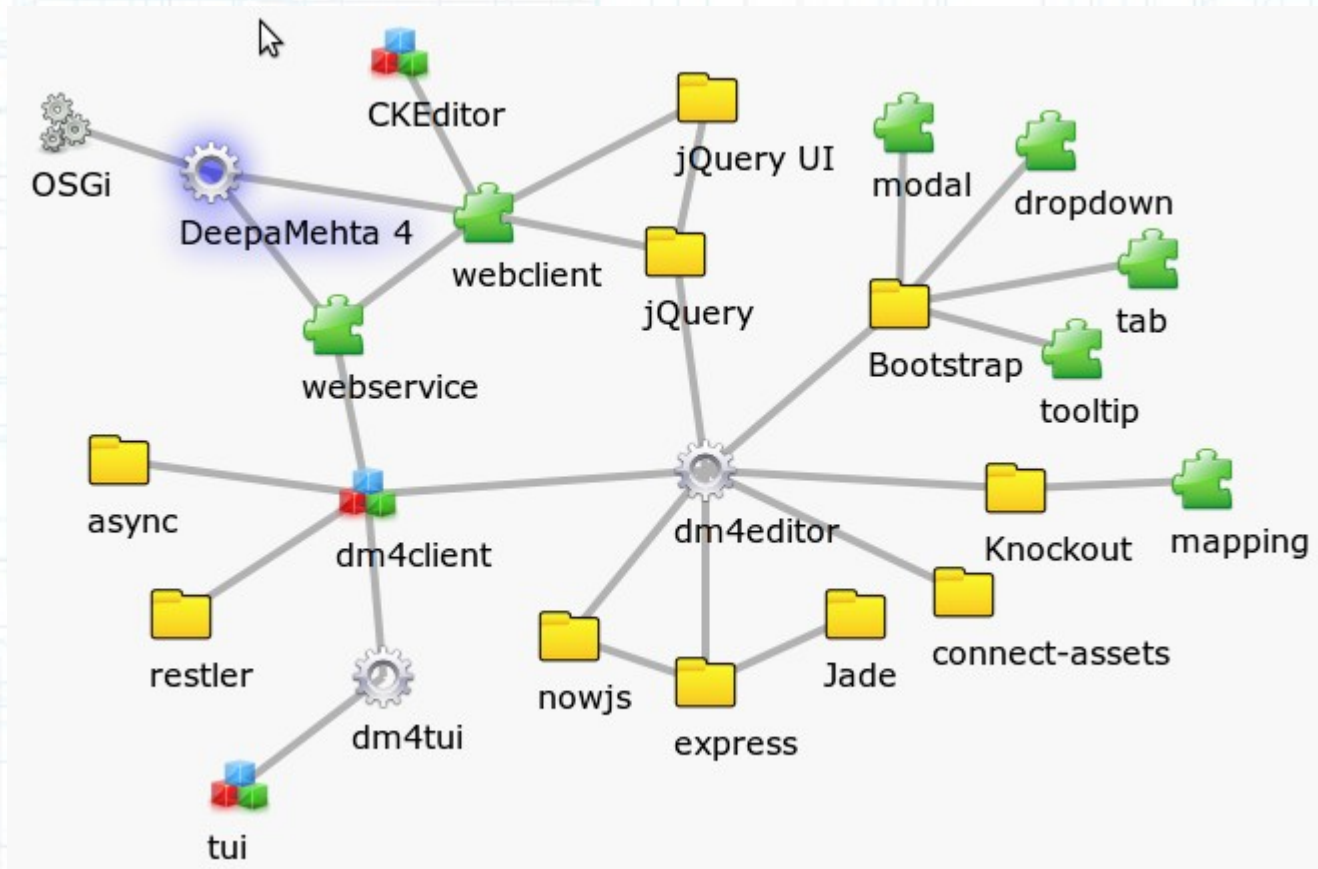


DeepaMehta codev



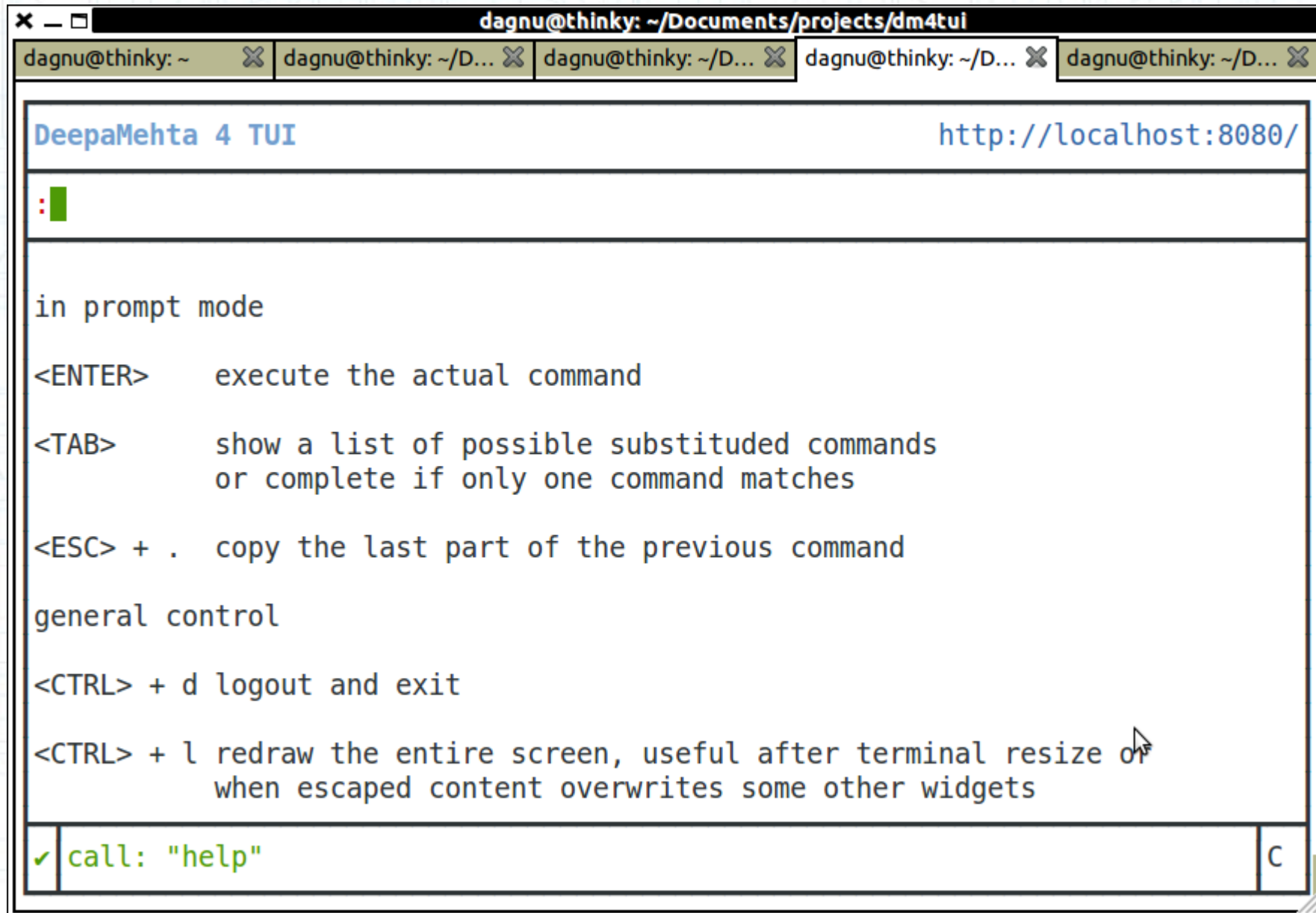
dm4client

- Parallel asynchronous DeepaMehta 4 JavaScript client library
- Topic instance oriented CRUD
- Node.js NPM package
- Actual consumer
 - dm4tui
 - dm4editor

dm4tui

- TTY compatible DeepaMehta 4 terminal user interface
- Use cases
 - Setup and monitor DM4 instances
 - Configure background tasks
 - Manage accounts
 - Deploy plugins

dm4tui



The screenshot shows a terminal window titled "dagnu@thinky: ~/Documents/projects/dm4tui". The window contains a TUI application named "DeepaMehta 4 TUI" running on "http://localhost:8080/". The application displays a list of commands and their descriptions, followed by a status bar at the bottom showing "✓ call: 'help'" and a cursor "C".

```
x _ □ dagnu@thinky: ~/Documents/projects/dm4tui
dagnu@thinky: ~ x dagnu@thinky: ~/D... x dagnu@thinky: ~/D... x dagnu@thinky: ~/D... x dagnu@thinky: ~/D... x
DeepaMehta 4 TUI http://localhost:8080/
:█
in prompt mode
<ENTER> execute the actual command
<TAB> show a list of possible substituted commands
or complete if only one command matches
<ESC> + . copy the last part of the previous command
general control
<CTRL> + d logout and exit
<CTRL> + l redraw the entire screen, useful after terminal resize of
when escaped content overwrites some other widgets
✓ call: "help" C
```

dm4editor

- Configurable DM4 instance editor
- Node.js webserver
- nowjs WebSocket communication
- knockout UI binding

Type Hierarchy ↔ Topic Table

dm4editor

- Implement table editor as DeepaMehta 4 webclient TopicMap renderer (enhance REST API)
- Live collaboration: OSGi ↔ ActiveMQ ↔ Apache Camel ↔ Stomp ↔ WebSocket
- Im- / Export comma separated values from clipboard = copy 'n paste from and to spreadsheet applications like Excel or Calc

THX
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