fx JSON viewer and processor

CONCEPTS

Every argument is a JavaScript function; the result of one is the input x of the next. Start with . to skip x ⇒ x.

Input file or stdin
↓ parse
Arg 1 .users
↓ x
Arg 2 @.name
↓ x
Output JSON or text

Each argument gets the previous result as x

RUN AND INPUT

`fx <file>`
Open a file interactively

`<cmd> | fx`
Open piped JSON interactively

`fx <file> <expr>`
Apply an expression, print result

`<cmd> | fx .`
Pretty-print stdin

`fx <file> <expr1> <expr2>`
Chain expressions

EXPRESSIONS

`.<key>`
Select a field

`.<key>[0]`
Select an array element

`x ⇒ x.<key>`
Explicit arrow function

`'.map(x ⇒ x.<key>)'`
Map over an array in JS

`'.filter(x ⇒ x.<key> > 1)'`
Filter an array in JS

`@.<key>`
Shorthand for map

`?.<key>`
Shorthand for filter

BUILT-IN FUNCTIONS

`len`
Length of array, string or object

`keys / values`
Object keys or values

FORMATS

`--yaml`
Read YAML

INTERACTIVE: MOVE

Arrows
Move; h j k l also work

g / G
Top / bottom

@
Fuzzy-search a path and jump

q
Quit

INTERACTIVE: FOLD AND VIEW

Enter / l
Expand node

Backspace / h
Collapse node

?
Show help

INTERACTIVE: SEARCH AND OUTPUT

.
Open query input

/
Regex search

n / N
Next / previous match

P
Print value to stdout and exit