

bar runes: core strength *build your core*

cen runes: just do it *fire your core*

lus runes: arm yourself *stock your battery with arms*

Catch Your Typos

buc runes: shape siftersket runes: cast away *generate generalities*

Nock

Do Tricks

cell-making notes and syntaxes

[head tail] → :-(head tail)

[1 2 3 4] = [1 [2 [3 4]]] group right by default

[1 2] → [1 2]

[1 2] → [X1 2] 1st item made cold

[1 2] → [- 1] prefix w/ null (a unit, once cast)

[1 2] → [1 2 -1] suffix w/ null (a unit, once cast)

[1 2] → [1 2] → [1 [1 2]]

as above but whole cell becomes a single list item.

[1 2] → [1 2 3] url-safe syntax

Misc: tapeify, tankify, lose face, spear type

<1 2>

<1 2>

renders list as a tape.

<1 2>

renders list as a tank.

obtain faces! e.g. 27 not 1=27

-1:3 noun have a type number, the face of the vase of anon. which will be that anon. type for then no terminology at all is needed.

cell-making regular runes

make a cell - a pair of 2

most runes or mites: 1st

called the head, 2nd tail.

reverse order

3

4

1

2

any 0 of elements, 1st

(not a proper list until cast)

[1 2]

run code (core or w/ Nook 2)

is it a cell?

Nook 3

increment

Nook 4

is it equal?

Nook 5

scry w/ real, no eval, not logged, "nook 12"

if-then-else: branch on true or false, do 2nd child if the 1st is true, 3rd if false.

must be: true or else fails (crashes with ! !)

(C) or ?& &(C) and ?~ !moon not

a cell? ?@ an atom? ?~ null?

whole menu of if-then cases, no defaults. its are spaces: ?(meal, ?meat 20, ?eggs 5, ?pulse 1)

ifn't then else: reverse Order: false or true

mustn't be: false or fails

?~ !moon not

?~ null?

?~ a default?+x adult: tok prek, xS krng, sx-11 elem, teen hs)

fish test whether a noun fits a mold. a natural rune aka 'fish' a promised upcoming rune that will fish using wet molds

(C) make a two-argument repeat in a chain. E.g.: (mul 3 3 3) (end tail ==)

print as program progresses (use for debugging) w/ up to 3 optional xS for colorcoded log levels.

print in stack trace, user-formatted

turn on stack trace

show AST !, (*moon (dec 28))

vase a cell of a spec's AST and a noun matching the spec

!<('ht') → [!t/!t @=26.984]

!<('ht') → [!t/'" @=[104 195 0]]

!<[X2 2] → [!t/[X2 @ud]=[2 2]

comment

ends code parsing on the line to insert a comment.

code parsing resumes on the line new you cannot end a noun like this with a comment.

crash

not a bad thing: means to just stop computing be done. your orbit will now exit, awaiting your next command.

all programs need to end with this noun command - they'll crash on their own once all the nock formulas they fire