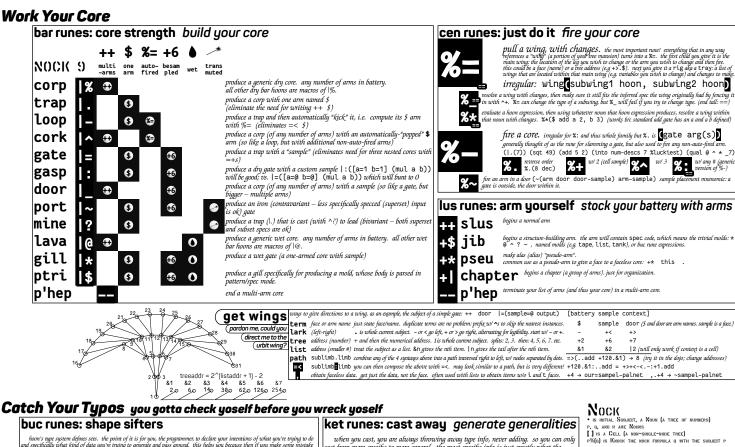
Work Your Core





when you cast, you are always throwing away type info, never adding, so you can only cast from more specific to more general. the most specific info is just exactly what the particular noun is, which the compiler aready knows, obviously; so this should make sense, so the terminology "cast to x" means "cast away all info except x".

Spec hoon skin≣hoon

cast to a spec by simply explicitly writing the spec to which you wish to cast the noun. assign a face to a noun.

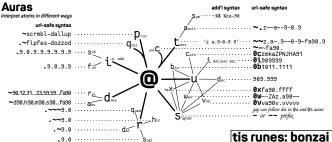
fence cast to "whatever this is." cast by writing a noun and letting the system infer its spec. Spec *mul → 1 *mul:rs → 0 (a poorly-chosen bunt)

[gate hoon] cast based on the noun produced by passing q to p - the hoon (any expression) to the pate (e.g. l'uno which makes it a list).

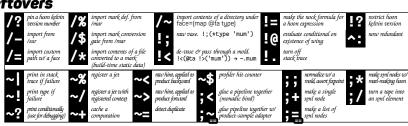
transmute to zinc transmute to iron constant

transmute

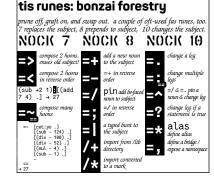
Nodock P and noder o, then ender the α -product bith the p-product as subject 3 is P a Cell? $^{9}(3|r) \rightarrow x$ or x 4 and One to P (Terrenewit'), $^{9}(4|r) \rightarrow r$ plus one 5 is P insertical to Q2: $^{9}(5|r) = x$ or x 6 if Thex-Elbest $^{9}(6|r) = \alpha$ if $r \rightarrow r$ produces x, r if x 7 P Marcs a Net Subject to Q (Gains) and (Gains of Courbose') $^{9}(7|r) = \alpha$ $\rightarrow ^{9}(7|r) = \alpha$ and r subject that as the nee subject indica 8 P And (as Head) to Subject that 2 The nee subject indica 8 P And (as Head) to Subject that 2 The nee subject indica 8 P And (as Head) to Subject that 2 The nee subject indica 8 P And (as Head) to Subject that 2 The nee subject indica 8 P And (as Head) to Subject that 3 The nee subject indica 3 P And (as Head) to Subject that 3 The nee subject indicates 3 P And (as Head) to Subject that 3 The need subject in 3 And (A) P And (A) P And (B) P And



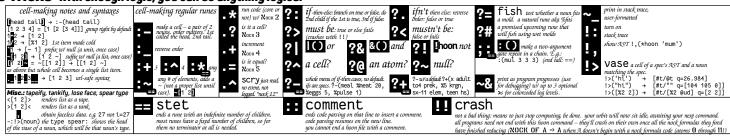
Leftovers



Mod Your Tree



Do Tricks with enough logic, you can do anything logical



not a bad thing: means to just stop computing, be done. your urbit will now sit idle, awaiting your next command. all programs need not end with this hoon command — they'll crash on their own once all the nock formulas they free have finished reducing (NOCK OF A → A when A doesn't begin with a nock formula code (atoms 0 through 11))