

Work Your Core

bar runes: core strength build your core

	++	\$	%	=	+6	👉	👈
NOCK 9	multi-arms	one arm	auto-fired	besam-pled	wet	trans	mutated
corp	%	+					
trap	.						
loop	-		\$				
cork	^	++		%			
gate	=		\$		+6		
gasp	:		\$		+6		
door	-	++			+6		
port	~		\$		+6		
mine	?		\$				
lava	@	++					
gill	!	*	\$		+6		
p'tri	!	\$	\$		+6		
p'hep	--						

produce a generic dry core. any number of arms in battery.
all other dry bar hoon are macros of 1%.

produce a corp with one arm named \$
(eliminate the need for writing ++ \$)

produce a trap and then automatically "kick" it, i.e. compute its \$ arm with % (= eliminates <= \$)

produce a corp (of any number of arms) with an automatically "popped" \$ arm (so like a loop, but with additional non-auto-fired arms)

produce a trap with a "sample" (eliminates need for three nested cores with ==+)

produce a dry gate with a custom sample | : ([a=1 b=1] (mul a b)) will be good; vs. | : ([a=@ b=@] (mul a b)) which will hunt to 0

produce a corp (of any number of arms) with a sample (so like a gate, but bigger - multiple arms)

produce an iron (contravariant - less specifically specced (superset) input is ok) gate

produce a trap (|) that is cast (with ^?) to lead (bivariant - both superset and subset specs are ok)

produce a generic wet core. any number of arms in battery. all other wet bar hoon are macros of |@.

produce a wet gate (a one-armed core with sample)

produce a gill specifically for producing a mold, whose body is parsed in pattern/spec mode.

end a multi-arm core

cen runes: just do it fire your core

%	pull a wing, with changes. the most important rune! everything that in any way references a "wing" (a portion of your tree mansion) turns into a %.
%=	resolve a wing with changes; then make sure it still fits the inferred spec the wing originally had by fencing it in with ^+. % can change the type of a subwing, but % will fail if you try to change type. (end tail: ==)
%*	evaluate a hoon expression, then using whatever noun that hoon expression produces, resolve a wing within that noun with changes. %*(% add a 2, b 3) (works b/c standard add gate has an a and a b defined)
%-	fire a core. irregular for %: and thus whole family but %, is [gate arg(s)] generally thought of as the rule for slamming a gate, but also used to fire any non-auto-fired arm.
%~	fire an arm in a door (-arm door door-sample) arm-sample sample placement mnemonic: a gate is outside, the door within it.

lus runes: arm yourself stock your battery with arms

++	slus	begins a normal arm
+\$	jib	begins a structure-building arm. the arm will contain spec code, which means the trivial molds: * @ ^ ? ~, named molds (e.g. tape, list, tank), or bar rune expressions.
++	pseu	make alas (alias) "pseudo-arm". common use as a pseudo-arm to give a face to a faceless core: ++ this .
+!	chapter	begins a chapter (a group of arms). just for organization.
--	p'hep	terminate your list of arms (and thus your core) in a multi-arm core.

get wings

