Aperçu

Concept Build your own magic in a sense that you are scribing magic scrolls with magical

runes.

Features • Not turing complete

• Line-by-line interpretation

Influenced

languages

Assembler, Forth

Syntax and keywords

Syntax

- <keyword>
- cproperty>:<adjective/power>
- cproperty>:<adjective/power>*<argument>*

Keywords

Properties Fire eldr **#11** Ice iss 14 Storm stromr HTDRYA Kinesis hreyfing *KIPI+L Heal lækning 141141141 **Absorb** gleypi HIIH tjón Harm **∤UIT** Reserved Heal rate lækninghraði [411414484] words Mvmt. speed hreyfinghraði *RIPI+P*R+DI Heal rate mult lækningauki 141141141141 *RIPITYTUYI Mvmt. speed mult hreyfingauki stökkauki **41**\prescript \text{1}\prescript \text{1} Jump boost Health point heilsastig *11444114 Adjectives/Verbs Project (Fire) skjóta 4YIN1+ (Powers) Иhł Spew geysa Explode 4BRI+P+ springa **Breath** andi **11** *R1Y\+ Summon hrygna Strike slá 414 Health *****|[4] heilsa 144141414 Magic fjölkynngi Note $o \cdot u \rightarrow h$; $\ddot{o} \rightarrow k$, $y \rightarrow l$; $ei \cdot ey \rightarrow l$; $æ \rightarrow l$

Keywords (cont.)

omnidirectional, global

0

Arguments

, a gamento			, 5	
(binary flag)	1	targeted		
	2	homing (chase	target)	
	4	hit-scan (hits ta	arget immediately)	
Operands	Push	ýta	l↑∤	
(stack-based)	Pop	toga	†NYł	
	Plus	plús	P118	
	Minus	mínus	የነትበካ	
	Times	sinnum	ЧIŁПҰ	
	Divide	deiling	441111	
	Modulo	leifastofn	LILATULA	
	Dup	afrit	∤ P RIT	
	Swap	stafliskipti	47 <i>+</i> 151411871	
	Discard	henna	*+++	
	Fetch	ná	\ {	

Numbers - Vigesimal

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	Α
ש	Ν	Þ	*	R	γ	*	+	1	ł
11	12	13	14	15	16	17	18	19	0
	12 C								
В		D	E	F	G	Н	J	K	0

Zero/Null ***\n\f** Minus Not supported*

1337 *ÞYf* 3200 **··*

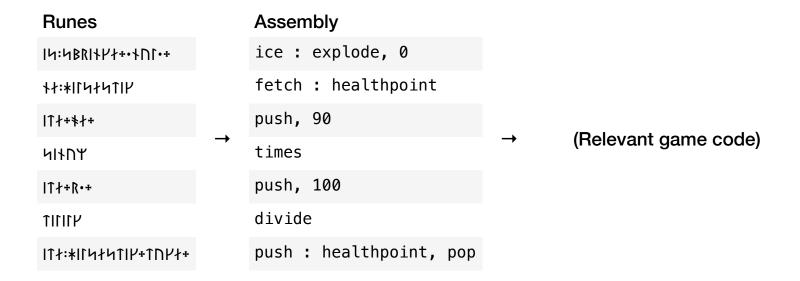
- Numbers are surrounded by * mark
- You can make negative number by subtraction.
 e.g. push 0; push 20; minus; makes -20

Documentation

Field Detail

Runes	Mnemonic	English	Description
ITł	ýta	push	+ <number> +</number>
			push value into the stack
ΙΤŁ	ýta	push	keyword : push + <argument> + <argument 2=""> +</argument></argument>
			push value <argument> to the property <keyword> e.g. healrate: push + 1A + 30 + will set healrate to 30 for 60 in-game minutes</keyword></argument>
1NY+	toga	pop	(wildcard)
			substitute word 'toga' into a topmost value in the stack and remove the value from its source
\	ná	fetch	fetch : keyword
			get the value of <keyword> and push it to the stack</keyword>

Interpreter design



The scroll is pre-compiled to get estimate magic power usage.