Complete Runicons Reference and Basic Leporellion Charset

- Chapter One -

* Prophecy Symbols
* Regular Encoding NewMorse (v3) in dit, dah, doh
* Handwritten Encoding NewMorse+ in dots and dashes
* Binary Encoding NewMorse++ in bits
* MathDIY - (Democracy and Internet are Yours)

Prophecy Symbols

* inclusion of prophecy symbols written line by line
* using prophecy symbols as dialectical Runicons or solution word in SMOL instead of letters
* notation can be read from both left and right to improve understanding between different cultures
* horizontal mono-, di-, tri-, tetra-, and hexagrams form a special Ideogrammar, e.g. nouns, phrase
* Monograms have similarities to the traditional Morsecode
* established charset supports simple Runicodes
* highlighted characters are already used in other contexts, e.g. social buttons, punctuation
* replace num with standard Unicode to display equivalent HTML Entity: &#num;

Monograms

⚋ MONOGRAM FOR EARTH Unicode: U+1D300	⚊ MONOGRAM FOR YANG Unicode: U+268A	⚋ MONOGRAM FOR YIN Unicode: U+268B

Digrams

𝌀

DIGRAM FOR HEAVENLY EARTH
Unicode: U+1D301

𝌂

DIGRAM FOR HUMAN EARTH
Unicode: U+1D302

𝌃

DIGRAM FOR EARTHLY HEAVEN
Unicode: U+1D303

𝌄

DIGRAM FOR EARTHLY HUMAN
Unicode: U+1D304

𝌅

DIGRAM FOR EARTH
Unicode: U+1D305

⚌

DIGRAM FOR GREATER YANG
Unicode: U+268C

⚍

DIGRAM FOR LESSER YIN
Unicode: U+268D

⚎

DIGRAM FOR LESSER YANG
Unicode: U+268E

⚏

DIGRAM FOR GREATER YIN
Unicode: U+268F

Trigrams

TRIGRAM FOR HEAVEN
Unicode: U+2630

TRIGRAM FOR LAKE
Unicode: U+2631

TRIGRAM FOR FIRE
Unicode: U+2632

TRIGRAM FOR THUNDER
Unicode: U+2633

TRIGRAM FOR WIND
Unicode: U+2634

TRIGRAM FOR WATER
Unicode: U+2635

TRIGRAM FOR MOUNTAIN
Unicode: U+2636

TRIGRAM FOR EARTH
Unicode: U+2637

Tetragrams

TETRAGRAM FOR CENTRE
Unicode: U+1D306

TETRAGRAM FOR FULL CIRCLE
Unicode: U+1D307

TETRAGRAM FOR MIRED
Unicode: U+1D308

TETRAGRAM FOR BARRIER
Unicode: U+1D309

TETRAGRAM FOR KEEPING SMALL
Unicode: U+1D30A

TETRAGRAM FOR CONTRARIETY
Unicode: U+1D30B

TETRAGRAM FOR ASCENT
Unicode: U+1D30C

TETRAGRAM FOR OPPOSITION
Unicode: U+1D30D

TETRAGRAM FOR BRANCHING OUT
Unicode: U+1D30E

TETRAGRAM FOR DEFECTIVENESS OR DISTORTION
Unicode: U+1D30F

TETRAGRAM FOR DIVERGENCE
Unicode: U+1D310

TETRAGRAM FOR YOUTHFULNESS
Unicode: U+1D311

TETRAGRAM FOR INCREASE
Unicode: U+1D312

TETRAGRAM FOR PENETRATION
Unicode: U+1D313

TETRAGRAM FOR REACH
Unicode: U+1D314

TETRAGRAM FOR CONTACT
Unicode: U+1D315

Tetragrams

TETRAGRAM FOR HOLDING BACK

Unicode: U+1D316

TETRAGRAM FOR WAITING

Unicode: U+1D317

TETRAGRAM FOR FOLLOWING

Unicode: U+1D318

TETRAGRAM FOR ADVANCE

Unicode: U+1D319

TETRAGRAM FOR RELEASE

Unicode: U+1D31A

TETRAGRAM FOR RESISTANCE

Unicode: U+1D31B

TETRAGRAM FOR EASE

Unicode: U+1D31C

TETRAGRAM FOR JOY

Unicode: U+1D31D

TETRAGRAM FOR CONTENTION

Unicode: U+1D31E

TETRAGRAM FOR ENDEAVOUR

Unicode: U+1D31F

TETRAGRAM FOR DUTIES

Unicode: U+1D320

TETRAGRAM FOR CHANGE

Unicode: U+1D321

TETRAGRAM FOR DECISIVENESS

Unicode: U+1D322

TETRAGRAM FOR BOLD RESOLUTION

Unicode: U+1D323

TETRAGRAM FOR PACKING

Unicode: U+1D324

TETRAGRAM FOR LEGION

Unicode: U+1D325

Tetragrams

TETRAGRAM FOR CLOSENESS
Unicode: U+1D326

TETRAGRAM FOR KINSHIP
Unicode: U+1D327

TETRAGRAM FOR GATHERING
Unicode: U+1D328

TETRAGRAM FOR STRENGTH
Unicode: U+1D329

TETRAGRAM FOR PURITY
Unicode: U+1D32A

TETRAGRAM FOR FULLNESS
Unicode: U+1D32B

TETRAGRAM FOR RESIDENCE
Unicode: U+1D32C

TETRAGRAM FOR LAW OR MODEL
Unicode: U+1D32D

TETRAGRAM FOR RESPONSE
Unicode: U+1D32E

TETRAGRAM FOR GOING TO MEET
Unicode: U+1D32F

TETRAGRAM FOR ENCOUNTERS
Unicode: U+1D330

TETRAGRAM FOR STOVE
Unicode: U+1D331

TETRAGRAM FOR GREATNESS
Unicode: U+1D332

TETRAGRAM FOR ENLARGEMENT
Unicode: U+1D333

TETRAGRAM FOR PATTERN
Unicode: U+1D334

TETRAGRAM FOR RITUAL
Unicode: U+1D335

Tetragrams

TETRAGRAM FOR FLIGHT
Unicode: U+1D336

TETRAGRAM FOR VASTNESS OR WASTING
Unicode: U+1D337

TETRAGRAM FOR CONSTANCY
Unicode: U+1D338

TETRAGRAM FOR MEASURE
Unicode: U+1D339

TETRAGRAM FOR ETERNITY
Unicode: U+1D33A

TETRAGRAM FOR UNITY
Unicode: U+1D33B

TETRAGRAM FOR DIMINISHMENT
Unicode: U+1D33C

TETRAGRAM FOR CLOSED MOUTH
Unicode: U+1D33D

TETRAGRAM FOR GUARDEDNESS
Unicode: U+1D33E

TETRAGRAM FOR GATHERING IN
Unicode: U+1D33F

TETRAGRAM FOR MASSING
Unicode: U+1D340

TETRAGRAM FOR ACCUMULATION
Unicode: U+1D341

TETRAGRAM FOR EMBELLISHMENT
Unicode: U+1D342

TETRAGRAM FOR DOUBT
Unicode: U+1D343

TETRAGRAM FOR WATCH
Unicode: U+1D344

TETRAGRAM FOR SINKING
Unicode: U+1D345

Tetragrams

TETRAGRAM FOR INNER
Unicode: U+1D346

TETRAGRAM FOR DEPARTURE
Unicode: U+1D347

TETRAGRAM FOR DARKENING
Unicode: U+1D348

TETRAGRAM FOR DIMMING
Unicode: U+1D349

TETRAGRAM FOR EXHAUSTION
Unicode: U+1D34A

TETRAGRAM FOR SEVERANCE
Unicode: U+1D34B

TETRAGRAM FOR STOPPAGE
Unicode: U+1D34C

TETRAGRAM FOR HARDNESS
Unicode: U+1D34D

TETRAGRAM FOR COMPLETION
Unicode: U+1D34E

TETRAGRAM FOR CLOSURE
Unicode: U+1D34F

TETRAGRAM FOR FAILURE
Unicode: U+1D350

TETRAGRAM FOR AGGRAVATION
Unicode: U+1D351

TETRAGRAM FOR COMPLIANCE
Unicode: U+1D352

TETRAGRAM FOR ON THE VERGE
Unicode: U+1D353

TETRAGRAM FOR DIFFICULTIES
Unicode: U+1D354

TETRAGRAM FOR LABOURING
Unicode: U+1D355

Tetragrams

TETRAGRAM FOR FOSTERING

Unicode: U+1D356

Hexagrams

䷀

HEXAGRAM FOR THE CREATIVE HEAVEN

Unicode: U+4DC0

䷁

HEXAGRAM FOR THE RECEPTIVE EARTH

Unicode: U+4DC1

䷂

HEXAGRAM FOR DIFFICULTY AT THE BEGINNING

Unicode: U+4DC2

䷃

HEXAGRAM FOR YOUTHFUL FOLLY

Unicode: U+4DC3

䷄

HEXAGRAM FOR WAITING

Unicode: U+4DC4

䷅

HEXAGRAM FOR CONFLICT

Unicode: U+4DC5

䷆

HEXAGRAM FOR THE ARMY

Unicode: U+4DC6

䷇

HEXAGRAM FOR HOLDING TOGETHER

Unicode: U+4DC7

䷈

HEXAGRAM FOR SMALL TAMING

Unicode: U+4DC8

䷉

HEXAGRAM FOR TREADING

Unicode: U+4DC9

䷊

HEXAGRAM FOR PEACE

Unicode: U+4DCA

䷋

HEXAGRAM FOR STANDSTILL

Unicode: U+4DCB

䷌

HEXAGRAM FOR FELLOWSHIP

Unicode: U+4DCC

䷍

HEXAGRAM FOR GREAT POSSESSION

Unicode: U+4DCD

䷎

HEXAGRAM FOR MODESTY

Unicode: U+4DCE

䷏

HEXAGRAM FOR ENTHUSIASM

Unicode: U+4DCF

Hexagrams

HEXAGRAM FOR FOLLOWING

Unicode: U+4DD0

HEXAGRAM FOR WORK ON THE DECAYED

Unicode: U+4DD1

HEXAGRAM FOR APPROACH

Unicode: U+4DD2

HEXAGRAM FOR CONTEMPLATION

Unicode: U+4DD3

HEXAGRAM FOR BITING THROUGH

Unicode: U+4DD4

HEXAGRAM FOR GRACE

Unicode: U+4DD5

HEXAGRAM FOR SPLITTING APART

Unicode: U+4DD6

HEXAGRAM FOR RETURN

Unicode: U+4DD7

HEXAGRAM FOR INNOCENCE

Unicode: U+4DD8

HEXAGRAM FOR GREAT TAMING

Unicode: U+4DD9

HEXAGRAM FOR MOUTH CORNERS

Unicode: U+4DDA

HEXAGRAM FOR GREAT PREPONDERANCE

Unicode: U+4DDB

HEXAGRAM FOR THE ABYSMAL WATER

Unicode: U+4DDC

HEXAGRAM FOR THE CLINGING FIRE

Unicode: U+4DDD

HEXAGRAM FOR INFLUENCE

Unicode: U+4DDE

HEXAGRAM FOR DURATION

Unicode: U+4DDF

Hexagrams

HEXAGRAM FOR RETREAT
Unicode: U+4DE0

HEXAGRAM FOR GREAT POWER
Unicode: U+4DE1

HEXAGRAM FOR PROGRESS
Unicode: U+4DE2

HEXAGRAM FOR DARKENING OF THE LIGHT
Unicode: U+4DE3

HEXAGRAM FOR THE FAMILY
Unicode: U+4DE4

HEXAGRAM FOR OPPOSITION
Unicode: U+4DE5

HEXAGRAM FOR OBSTRUCTION
Unicode: U+4DE6

HEXAGRAM FOR DELIVERANCE
Unicode: U+4DE7

HEXAGRAM FOR DECREASE
Unicode: U+4DE8

HEXAGRAM FOR INCREASE
Unicode: U+4DE9

HEXAGRAM FOR BREAKTHROUGH
Unicode: U+4DEA

HEXAGRAM FOR COMING TO MEET
Unicode: U+4DEB

HEXAGRAM FOR GATHERING TOGETHER
Unicode: U+4DEC

HEXAGRAM FOR PUSHING UPWARD
Unicode: U+4DED

HEXAGRAM FOR OPPRESSION
Unicode: U+4DEE

HEXAGRAM FOR THE WELL
Unicode: U+4DEF

Hexagrams

HEXAGRAM FOR REVOLUTION

Unicode: U+4DF0

HEXAGRAM FOR THE CAULDRON

Unicode: U+4DF1

HEXAGRAM FOR THE AROUSING THUNDER

Unicode: U+4DF2

HEXAGRAM FOR THE KEEPING STILL MOUNTAIN

Unicode: U+4DF3

HEXAGRAM FOR DEVELOPMENT

Unicode: U+4DF4

HEXAGRAM FOR THE MARRYING MAIDEN

Unicode: U+4DF5

HEXAGRAM FOR ABUNDANCE

Unicode: U+4DF6

HEXAGRAM FOR THE WANDERER

Unicode: U+4DF7

HEXAGRAM FOR THE GENTLE WIND

Unicode: U+4DF8

HEXAGRAM FOR THE JOYOUS LAKE

Unicode: U+4DF9

HEXAGRAM FOR DISPERSION

Unicode: U+4DFA

HEXAGRAM FOR LIMITATION

Unicode: U+4DFB

HEXAGRAM FOR INNER TRUTH

Unicode: U+4DFC

HEXAGRAM FOR SMALL PREPONDERANCE

Unicode: U+4DFD

HEXAGRAM FOR AFTER COMPLETION

Unicode: U+4DFE

HEXAGRAM FOR BEFORE COMPLETION

Unicode: U+4DFF

NewMorse (v3)

* is a rearrangement of traditional Morsecode that eliminates language conflicts
* notation of monograms replaced with vertical DIT and DAH
* space between them are one DIT long, one DAH is two DIT long,
  word spacing is three DIT long
* we are using a horizontal DOH in some cases to put the character in a different context, e.g. preceded traffic signs, vocal letters and inverted punctuation
* letters have approximately four signs, punctuation has up to six and numbers have only five
* the law of arrangement is SMOL approved, also because we can translate DIT and DAH with binary Morsecode 0 and 1 (bits)
* notation presented here can be read from left to right, but can be easily rearranged where the Runicons are reflected horizontally
* the development of NewMorse brought forth new traffic signs and its own grammar keying known as Basic Leporellion charset
* CSS/Character Mapping and Typefont NewMorse (v3) Regular Formatting
  are available via Github/scifiltr
* keeping it SMOL, write down RUNICONS by hands if you like, e.g. use the punctuation, HTML Entities (NewMorse+) or binary Morsecode (NewMorse++) as an equivalent

Regular Encoding NewMorse (v3) in dit, dah, doh

ˇ

ACCENT-CIRCUMFLEX-INVERTED-END-A-MESSAGE-AR
NewMorse (v3): ALT-SHIFT z
Runicode: ˇ

^

ACCENT-CIRCUMFLEX-INVERTED-START-A-MESSAGE-KA
NewMorse (v3): ^

&

AMPERSAND-SAME-AS-PLUS
NewMorse (v3): SHIFT 6

>

END-A-MESSAGE-AR-BIGGER-THAN
NewMorse (v3): SHIFT >

+

PLUS-ADDITION-SAME-AS-END-MESSAGE
NewMorse (v3): +

<

START-A-MESSAGE-KA-SMALLER-THAN
NewMorse (v3): <

°

DEGREE-FROM-INVERTED-NUMERIC-0-TOT
NewMorse (v3): SHIFT ^
Runicode: °

1

1-AMT
NewMorse (v3): 1

2

2-UM
NewMorse (v3): 2

3

3-SM
NewMorse (v3): 3

4

4-SET
NewMorse (v3): 4

5

5-IS
NewMorse (v3): 5

Regular Encoding NewMorse (v3) in dit, dah, doh

6
6-NIE
NewMorse (v3): 6

7
7-MIT
NewMorse (v3): 7

8
8-TZ
NewMorse (v3): 8

9
9-ON
NewMorse (v3): 9

0
0-TOT
NewMorse (v3): 0

!
EXCLAMATION-MARK-INTERRUPT-BT-INVERTED
NewMorse (v3): SHIFT 1

¡
INTERRUPT-BT
NewMorse (v3): ALT 1
Runicode: ¡

-
MINUS-NEGATION-THT
NewMorse (v3): -

¬
MINUS-NEGATION-THT
NewMorse (v3): ALT-SHIFT Y and -

§
PARAGRAPH
NewMorse (v3): SHIFT 3
Runicode: §

¶
PILCROW-SIGN-PAUSE-INVERTED
NewMorse (v3): ALT 3
Runicode: ¶

#
HASH-NUMBER-SIGN-BK
NewMorse (v3): ALT-SHIFT 3

Regular Encoding NewMorse (v3) in dit, dah, doh

%
PERCENT-ROGER
NewMorse (v3): SHIFT 5

[
SQUARE-BRACKET-OPEN
NewMorse (v3): ALT 5

]
SQUARE-BRACKET-CLOSE
NewMorse (v3): ALT 6

/
SLASH-NORMAL-XE
NewMorse (v3): SHIFT 7

\
SLASH-REVERSE-XE
NewMorse (v3): ALT-SHIFT 7

|
VERTICAL-LINE-FROM-I-UPPER-CASE
NewMorse (v3): ALT 7

(
BRACKET-OPEN
NewMorse (v3): SHIFT 8

{
CURLY-BRACKET-OPEN
NewMorse (v3): ALT 8

}
CURLY-BRACKET-CLOSE
NewMorse (v3): ALT 9

)
BRACKET-CLOSE
NewMorse (v3): SHIFT 9

˙
ERRANCY-HH
NewMorse (v3): ALT-SHIFT ß
Runicode: ˙

·
ERRANCY-INVERTED-HH
NewMorse (v3): ALT-SHIFT 9
Runicode: ·

Regular Encoding NewMorse (v3) in dit, dah, doh

=
EQUAL-SIGN-INTERRUPT
NewMorse (v3): SHIFT 0

≠
UNEQUAL-SIGN-INTERRUPT
NewMorse (v3): ALT 0
Runicode: ≠

ß
SZ-SHARP-S
NewMorse (v3): ß
Runicode: ß

?
QUESTION-MARK-NORMAL
NewMorse (v3): SHIFT ß

¿
QUESTION-MARK-REVERSE-IMI
NewMorse (v3): ALT ß
Runicode: ¿

,
APOSTROPHE
NewMorse (v3): ALT ,

‘
APOSTROPHE-INVERTED
NewMorse (v3): ALT ’
Runicode: ‘

a
A-LOWER-CASE
NewMorse (v3): A

A
A-UPPER-CASE
NewMorse (v3): SHIFT A

ä
AE-LOWER-CASE
NewMorse (v3): Ä
Runicode: ä

Ä
AE-UPPER-CASE
NewMorse (v3): SHIFT Ä
Runicode: Ä

a
ALT-6-DAH-TRAFFIC-SIGN-ALPHA
NewMorse (v3): ALT H
Runicode: ª

Regular Encoding NewMorse (v3) in dit, dah, doh

0
ALT-SHIFT-9-DIT-TRAFFIC-SIGN-OMEGA
NewMorse (v3): ALT J
Runicode: º

*
ASTERISK-FROM-X-LOWER-CASE
NewMorse (v3): SHIFT +

b
B-LOWER-CASE
NewMorse (v3): B

B
B-UPPER-CASE
NewMorse (v3): SHIFT B

n
N-LOWER-CASE
NewMorse (v3): N

N
N-UPPER-CASE
NewMorse (v3): SHIFT N

q
Q-LOWER-CASE
NewMorse (v3): Q

Q
Q-UPPER-CASE
NewMorse (v3): SHIFT Q

w
W-LOWER-CASE
NewMorse (v3): W

W
W-UPPER-CASE
NewMorse (v3): SHIFT W

e
E-LOWER-CASE
NewMorse (v3): E

E
E-UPPER-CASE
NewMorse (v3): SHIFT E

Regular Encoding NewMorse (v3) in dit, dah, doh

‰
PROMILLE-ROGER
NewMorse (v3): ALT-SHIFT E
Runicode: ‰

r
R-LOWER-CASE
NewMorse (v3): R

R
R-UPPER-CASE
NewMorse (v3): SHIFT R

t
T-LOWER-CASE
NewMorse (v3): T

T
T-UPPER-CASE
NewMorse (v3): SHIFT T

†
REQUEST-TO-SEND-K-DAGGER
NewMorse (v3): ALT T
Runicode: †

z
Z-LOWER-CASE
NewMorse (v3): Z

Z
Z-UPPER-CASE
NewMorse (v3): SHIFT Z

u
U-LOWER-CASE
NewMorse (v3): U

U
U-UPPER-CASE
NewMorse (v3): SHIFT U

i
I-LOWER-CASE
NewMorse (v3): I

I
I-UPPER-CASE
NewMorse (v3): SHIFT I

Regular Encoding NewMorse (v3) in dit, dah, doh

o
O-LOWER-CASE
NewMorse (v3): O

O
O-UPPER-CASE
NewMorse (v3): SHIFT O

p
P-LOWER-CASE
NewMorse (v3): P

P
P-UPPER-CASE
NewMorse (v3): SHIFT P

ü
UE-LOWER-CASE
NewMorse (v3): Ü
Runicode: ü

Ü
UE-UPPER-CASE
NewMorse (v3): SHIFT Ü
Runicode: Ü

/
DIVISION-SLASH-INTERRUPT
NewMorse (v3): ALT I
Runicode: ⁄

s
S-LOWER-CASE
NewMorse (v3): ALT-SHIFT E

S
S-UPPER-CASE
NewMorse (v3): SHIFT S

d
D-LOWER-CASE
NewMorse (v3): D

D
D-UPPER-CASE
NewMorse (v3): SHIFT D

f
F-LOWER-CASE
NewMorse (v3): F

Regular Encoding NewMorse (v3) in dit, dah, doh

F
F-UPPER-CASE
NewMorse (v3): SHIFT F

g
G-LOWER-CASE
NewMorse (v3): G

G
G-UPPER-CASE
NewMorse (v3): SHIFT G

h
H-LOWER-CASE
NewMorse (v3): H

H
H-UPPER-CASE
NewMorse (v3): SHIFT H

j
J-LOWER-CASE
NewMorse (v3): J

J
J-UPPER-CASE
NewMorse (v3): SHIFT J

k
K-LOWER-CASE
NewMorse (v3): K

K
K-UPPER-CASE
NewMorse (v3): SHIFT K

l
L-LOWER-CASE
NewMorse (v3): L

L
L-UPPER-CASE
NewMorse (v3): SHIFT L

Ö
OE-LOWER-CASE
NewMorse (v3): Ö
Runicode: ö

Regular Encoding NewMorse (v3) in dit, dah, doh

Ö
OE-UPPER-CASE
NewMorse (v3): SHIFT Ö
Runicode: Ö

@
MASTERSPACE-AT-AC
NewMorse (v3): ALT L

I
VERTICAL-LINE-FROM-I-LOWER-CASE
NewMorse (v3): ALT-SHIFT J
Runicode: ı

x
X-LOWER-CASE
NewMorse (v3): X

X
X-UPPER-CASE
NewMorse (v3): SHIFT X

y
Y-LOWER-CASE
NewMorse (v3): Y

Y
Y-UPPER-CASE
NewMorse (v3): SHIFT Y

c
C-LOWER-CASE
NewMorse (v3): C

C
C-UPPER-CASE
NewMorse (v3): SHIFT C

v
V-LOWER-CASE
NewMorse (v3): V

V
V-UPPER-CASE
NewMorse (v3): SHIFT V

m
M-LOWER-CASE
NewMorse (v3): M

Regular Encoding NewMorse (v3) in dit, dah, doh

M
M-UPPER-CASE
NewMorse (v3): SHIFT M

‡
REQUEST-TO-SEND-BY-A-STATION-KN-DOUBLE-DAGGER
NewMorse (v3): ALT-SHIFT Y
Runicode: ‡

◊
HASH-DIAMOND-CAPITAL-SIGN-BK
NewMorse (v3): ALT-SHIFT V
Runicode: ◊

√
VALIDATION-RADICAL-TRAFFIC-SIGN
NewMorse (v3): ALT V
Runicode: √

,
COMMA-MIM-TXT
NewMorse (v3): ,

.
DOT-AAA
NewMorse (v3): .

;
SEMICOLON-NNN
NewMorse (v3): SHIFT ,

:
DOUBLE-DOT-MB
NewMorse (v3): SHIFT .

∞
REPEAT-II-INFINITY
NewMorse (v3): ALT ,
Runicode: ∞

—
PAUSE-TRAFFIC-SIGN
NewMorse (v3): ALT-SHIFT -
Runicode: —

…
WAIT-AS-HORIZONTAL-ELLIPSE
NewMorse (v3): ALT .
Runicode: …

LOW-LINE-UK
NewMorse (v3): SHIFT -

Regular Encoding NewMorse (v3) in dit, dah, doh

–
EN-DASH-FROM-INVERTED-MINUS-THT
NewMorse (v3): -

–
EN-DASH-FROM-INVERTED-MINUS-THT
NewMorse (v3): ALT -
Runicode: –

"
QUOTATION-SHIFT-2
NewMorse (v3): SHIFT 2
Runicode: &#0022;

«
QUOTE-DOUBLE-OPEN-ALT-Q
NewMorse (v3): ALT Q
Runicode: «

»
QUOTE-DOUBLE-CLOSE-ALT-SHIFT-Q
NewMorse (v3): ALT-SHIFT Q
Runicode: »

¥
YEN CURRENCY
NewMorse (v3): # + SHIFT Y

≤
SMALLER EQUAL
NewMorse (v3): ALT J + <

≥
BIGGER EQUAL
NewMorse (v3): ALT H + <

≈
ALMOST EQUAL TO
NewMorse (v3): ALT H + X

~
TILDE
NewMorse (v3): ALT H + N

ç
SMALL C WITH CEDILLA
NewMorse (v3): ALT H + C

Ç
BIG C WITH CEDILLA
NewMorse (v3): ALT J + C

Regular Encoding NewMorse (v3) in dit, dah, doh

‹

SINGLE LEFT-POINTING ANGLE QUOTATION MARK

NewMorse (v3): < + ALT Q

›

SINGLE RIGHT-POINTING ANGLE QUOTATION MARK

NewMorse (v3): > + ALT-SHIFT Q

µ

MICRO SIGN

NewMorse (v3): ALT H + M

÷

DIVISION SIGN

NewMorse (v3): ALT J + .

å

SMALL LETTER A WITH RING ABOVE

NewMorse (v3): ALT H + A

Å

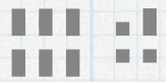
BIG LETTER A WITH RING ABOVE

NewMorse (v3): ALT J + SHIFT A

∫

INTEGRAL

NewMorse (v3): ALT H + B



ƒ

SMALL LETTER F WITH HOOK

NewMorse (v3): ALT H + F

∂

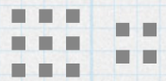
PARTIAL DIFFERENTIAL

NewMorse (v3): ALT H + D

Ù

CAPITAL LETTER U WITH GRAVE

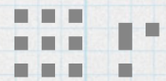
NewMorse (v3): ALT J + X



Ó

CAPITAL LETTER O WITH ACUTE

NewMorse (v3): ALT J + H



™

TRADE MARK SIGN

NewMorse (v3): ALT J + D

Regular Encoding NewMorse (v3) in dit, dah, doh

Í
CAPITAL LETTER I WITH ACUTE
NewMorse (v3): ALT J + S

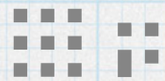
Ï
CAPITAL LETTER I WITH DIAERESIS
NewMorse (v3): ALT J + F

Ì
CAPITAL LETTER I WITH GRAVE
NewMorse (v3): ALT J + G

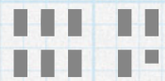
©
COPYRIGHT SIGN
NewMorse (v3): ALT H + G

Δ
INCREMENT
NewMorse (v3): ALT H + K

^
MODIFIER LETTER CIRCUMFLEX ACCENT
NewMorse (v3): ALT J + K



fl
SMALL LIGATURE FL
NewMorse (v3): ALT J + L



œ
SMALL LIGATURE OE
NewMorse (v3): ALT H + Ö

Œ
BIG LIGATURE OE
NewMorse (v3): ALT J + SHIFT Ö

æ
SMALL LETTER AE
NewMorse (v3): ALT H + Ä

Æ
BIG LETTER AE
NewMorse (v3): ALT J + SHIFT Ä

‚‘
LEFT & RIGHT SINGLE QUOTATION MARK
NewMorse (v3): SHIFT # or ALT #

Regular Encoding NewMorse (v3) in dit, dah, doh

”

LEFT DOUBLE QUOTATION MARK
NewMorse (v3): ALT Q

“

RIGHT DOUBLE QUOTATION MARK
NewMorse (v3): ALT-SHIFT Q

fi

SMALL LIGATURE FI
NewMorse (v3): ALT-SHIFT Y + 5

$

DOLLAR CURRENCY
NewMorse (v3): # + SHIFT S

¢

CENT SIGN
NewMorse (v3): # + C

£

POUND CURRENCY
NewMorse (v3): # + SHIFT L

~

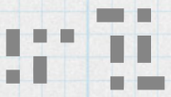
SMALL TILDE
NewMorse (v3): ALT-SHIFT Y + 8

¯

MACRON
NewMorse (v3): ALT-SHIFT Y + 0

°

RING ABOVE
NewMorse (v3): SHIFT ^



´

ACUTE ACCENT
NewMorse (v3): SHIFT 7 + ,

`

GRAVE ACCENT
NewMorse (v3): ALT-SHIFT 7 + ,

‘

LEFT SINGLE QUOTE / APOSTROPHE
NewMorse (v3): ALT ´

Regular Encoding NewMorse (v3) in dit, dah, doh

«

LEFT-POINTING DOUBLE ANGLE QUOTATION MARK

NewMorse (v3): ALT Q

»

RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK

NewMorse (v3): ALT-SHIFT Q

∑

N-ARY SUMMATION

NewMorse (v3): ALT H + W

„

DOUBLE LOW-9 QUOTATION MARK

NewMorse (v3): ALT Q

€

EURO CURRENCY

NewMorse (v3): # + SHIFT E

®

REGISTERED MARK

NewMorse (v3): ALT H + R

¸

SINGLE LOW-9 QUOTATION MARK

NewMorse (v3): ,

˘

BREVE

NewMorse (v3): ALT J + C

˛

OGONEK

NewMorse (v3): ALT J + ,

¸

CEDILLA

NewMorse (v3): ALT J + R

˝

DOUBLE ACUTE ACCENT

NewMorse (v3): ALT J + T

Ω

GREEK CAPITAL LETTER OMEGA

NewMorse (v3): ALT H + Z

Regular Encoding NewMorse (v3) in dit, dah, doh

ˇ

CARON
NewMorse (v3): ALT-SHIFT Z

¨

DIAERESIS
NewMorse (v3): ALT H + U

Á

CAPITAL LETTER A WITH ACUTE
NewMorse (v3): ALT J + U

/

FRACTION SLASH
NewMorse (v3): ALT I

Û

CAPITAL LETTER U WITH CIRCUMFLEX
NewMorse (v3): ALT J + I

±

PLUS-MINUS SIGN
NewMorse (v3): ALT H and +

•

BULLET
NewMorse (v3): ALT H + Ü

ø

SMALL LETTER O WITH STROKE
NewMorse (v3): ALT H + O

Ø

CAPITAL LETTER O WITH STROKE
NewMorse (v3): ALT J + SHIFT O

π

SMALL LETTER P
NewMorse (v3): # + P

∏

N-ARY PRODUCT
NewMorse (v3): # + SHIFT P

∅

EMPTY SET
NewMorse (v3): # + 0

NewMorse+

* is a manual notation of NewMorse (v3) that eliminates technical troubleshooting with Basic Latin, SVG conversion and Illustration tools
* notation in RUNICONS replaced with DOTS and DASHES without strict adherences to regular encoding in DIT and DAH
* you don't need to make space between them, just paired charset and word spacing
* we are using a horizontal BAR or underline formatting in some cases to put the character in a different context, e.g. capitalization, preceded traffic signs for grammar keying
* letters still have approximately four signs, punctuation has up to six and numbers have only five, but more characters can be triggered by a key or punctuation at the same time
* the law of arrangement is SMOL approved, also because we can translate DOTS and DASHES with HTML Entities: &#num;
* NewMorse+ and HTML Entities presented here can be read from left to right, but can be easily rearranged where the characters or RUNICODES are reflected horizontally
* development of NewMorse+ brought forth a more practicable use in Texteditors and HTML
* keeping it SMOL, now write down on a paper if you like, e.g. use a well-known punctuation or binary Morsecode (NewMorse++) as an equivalent to the font NewMorse (v3)
* dots and dashes could also be used to align the arrangement of symbols on top of each other, so to reconcile them with the prophecy symbols (mono-, di-, tri- and tetragrams etc.) – give it a try!
* I recommend a sample of preselected key assignment to start with

Handwritten Encoding NewMorse+ in dots and dashes

.

ONE DOT LEADER

DOT (DIT)

HTML Entity: ߨ

|

DIVIDES

DASH (DAH)

HTML Entity: ࢯ

—

LOW LINE

LOW BAR (DOH)

HTML Entity: &#005F;

¯

MACRON

HIGH BAR (DOH)

HTML Entity: &#00AF;

:

COLON

TWO DOTS

HTML Entity: &#003A;

:

RATIO

TWO DOTS

HTML Entity: ࢼ

|

VERTICLE LINE

DASH (DAH)

HTML Entity: &#007C;

¦

BROKEN BAR

TWO DASHES

HTML Entity: &#00A6;

∷

PROPORTION

FOUR DOTS

HTML Entity: ࢽ

⋮

VERTICLE ELLIPSIS

THREE DOTS

HTML Entity: &#22EE;

⋱

DOWN RIGHT

DIAGONAL ELLIPSIS

PAUSE TRAFFIC SIGN

HTML Entity: &#22F1;

⋯

MIDLINE HORIZONTAL

ELLIPSIS

WAIT

HTML Entity: &#22EF;

!

EXCLAMATION MARK

DASH AND DOT

HTML Entity: &#0021;

¡

INVERTED

EXCLAMATION MARK

DOT AND DASH

HTML Entity: &#00A1;

‼

DOUBLE

EXCLAMATION MARK

DASH AND DOT

IN TWO ROWS

HTML Entity: &#203C;

⋰

UP RIGHT

DIAGONAL ELLIPSIS

PAUSE (PARAGRAPH)

HTML Entity: &#22F0;

Handwritten Encoding NewMorse+ in dots and dashes

—

MINUS SIGN
DASH (DOH)
HTML Entity: ࢤ

-

HYPHEN-MINUS
DASH (DOH)
HTML Entity: &#002D;

¯

MODIFIER LETTER MACRON
DASH ABOVE (DOH)
HTML Entity: &#02C9;

⋮

DOTTED FENCE
FOUR DOTS (DIT)
HTML Entity: ஷ

⫴

TRIPLE VERTICAL BAR DELIMITER
THREE DASHES (DAH)
HTML Entity: த

=

EQUAL SIGN
AS DIGRAM
TWO DASHES (DOH)
HTML Entity: ஷ

≡

IDENTICAL TO
AS TRIGRAM
THREE DASHES (DOH)
HTML Entity: ࣕ

⋮

TRIPLE COLON OPERATOR
THREE DOTS (DIT)
HTML Entity: ஷ

.

FULL STOP
DOT (DIT)
HTML Entity: &#002E;

¨

DIAERESIS
PAIR OF DOTS (DIT)
HTML Entity: &#00A8;

Handwritten Encoding NewMorse+ in dots and dashes

˅

ACCENT-CIRCUMFLEX-INVERTED-END-A-MESSAGE-AR
Runicode:
<u>&#00A1;&#00A1;ߨ</u>

>

END-A-MESSAGE-AR-BIGGER-THAN
Runicode:
&#00A1;&#00A1;ߨ

°

DEGREE-FROM-INVERTED-NUMERIC-0-TOT
Runicode:
<u>ࢯ&#00A6;&#00A6;</u>

3
3-SM
Runicode:
ࢼ&#00A1;ࢯ

^

ACCENT-CIRCUMFLEX-INVERTED-START-A-MESSAGE-KA
Runicode:
<u>&#203C;ࢯ</u>

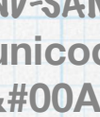
+

PLUS-ADDITION-SAME-AS-END-MESSAGE
Runicode:
&#00A1;&#00A1;ߨ

1
1-AMT
Runicode:
&#00A1;&#00A6;ࢯ

4
4-SET
Runicode:
ࢼࢼࢯ

&
AMPERSAND-SAME-AS-PLUS
Runicode:
&#00A1;&#00A1;ߨ



<

START-A-MESSAGE-KA-SMALLER-THAN
Runicode:
&#203C;ࢯ

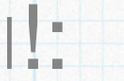
2
2-UM
Runicode:
ࢼ&#00A6;ࢯ

5
5-IS
Runicode:
ࢼࢼߨ

Handwritten Encoding NewMorse+ in dots and dashes

6
6-NIE
Runicode:
ࢯࢼࢼ

9
9-ON
Runicode:
&#00A6;&#00A6;ߨ



7
7-MIT
Runicode:
ࢯ&#0021;ࢼ

0
0-TOT
Runicode:
ࢯ&#00A6;&#00A6;

8
8-TZ
Runicode:
ࢯ&#00A6;ࢼ

!
EXCLAMATION-MARK-INTERRUPT-BT-INVERTED
Runicode:
<u>ࢯ&#22EE;ࢯ</u>

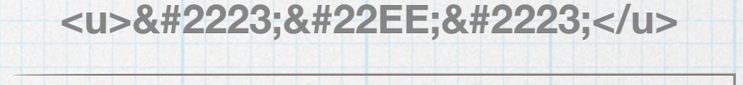
¡
INTERRUPT-BT
Runicode:
ࢯ&#22EE;ࢯ

-
MINUS-NEGATION-THT
Runicode:
&#00AF;ࢼࢼ&#005F;

¬
MINUS-NEGATION-THT
Runicode:
&#0021;&#00A6;ߨ
&#00AF;ࢼࢼ&#005F;

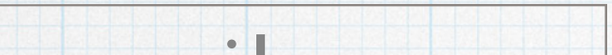
§
PARAGRAPH
Runicode:
&#00A1;&#00A1;ࢼ

¶
PILCROW-SIGN-PAUSE-INVERTED
Runicode:
<u>&#22F1;</u>



#
HASH-NUMBER-SIGN-BK
Runicode:
&#0021;ࢼ&#0021;ࢯ

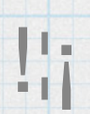
Handwritten Encoding NewMorse+ in dots and dashes



%
PERCENT-ROGER
Runicode:
&#22EE;&#0021;

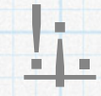
/
SLASH-NORMAL-XE
Runicode:
&#0021;&#00A1;ߨ

(
BRACKET-OPEN
Runicode:
ࢯ&#00A1;&#0021;

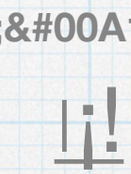


)
BRACKET-CLOSE
Runicode:
&#0021;&#00A6;&#00A1;

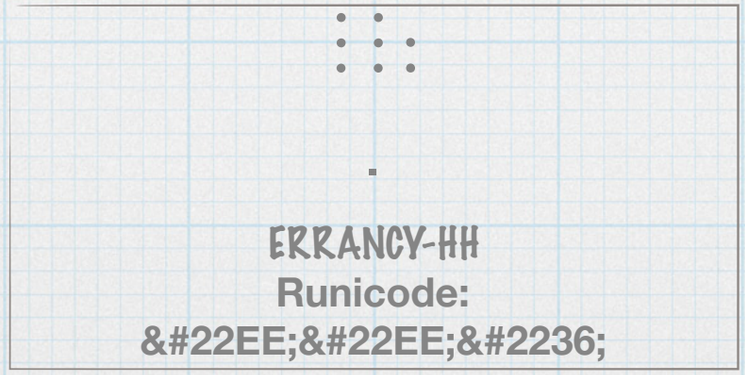
[
SQUARE-BRACKET-OPEN
Runicode:
&#005F;&#00A1;&#0021;



\
SLASH-REVERSE-XE
Runicode:
<u> &#0021;&#00A1;ߨ </u>



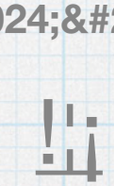
{
CURLY-BRACKET-OPEN
Runicode:
<u>ࢯ&#00A1;&#0021;</u>



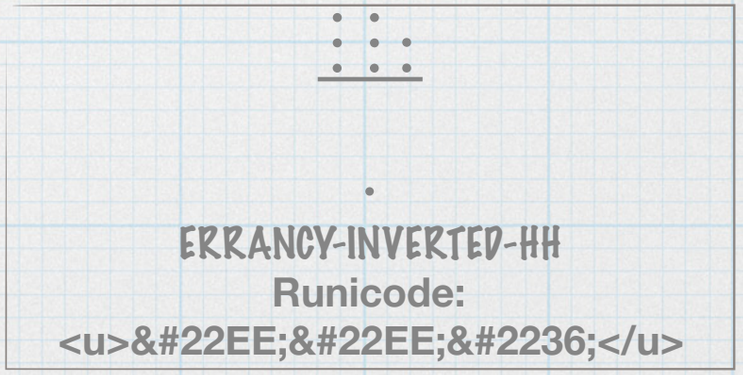
.
ERRANCY-HH
Runicode:
&#22EE;&#22EE;ࢼ

]
SQUARE-BRACKET-CLOSE
Runicode:
&#002D;ߨ&#00A6;&#00A1

|
VERTICAL-LINE-FROM-I-UPPER-CASE
Runicode:
<u>ߨߨ</u>



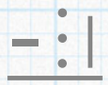
}
CURLY-BRACKET-CLOSE
Runicode:
<u>&#0021;&#00A6;&#00A1;</u>



.
ERRANCY-INVERTED-HH
Runicode:
<u>&#22EE;&#22EE;ࢼ</u>

Handwritten Encoding NewMorse+ in dots and dashes

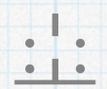
=
EQUAL-SIGN-INTERRUPT
Runicode:
&#002D;&#22EE;ࢯ



≠
UNEQUAL-SIGN-INTERRUPT
Runicode:
<u>&#002D;&#22EE;ࢯ</u>

ß
SZ-SHARP-S
Runicode:
&#22EE;&#00A6;&#003A;

?
QUESTION-MARK-NORMAL
Runicode:
&#003A;&#00A6;&#003A;



¿
QUESTION-MARK-REVERSE-IMI
Runicode:
<u>&#003A;&#00A6;&#003A;</u>

’
APOSTROPHE
Runicode:
&#00A1;&#00A6;&#0021;

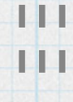
‘
APOSTROPHE-INVERTED
Runicode:
<u>&#00A1;&#00A6;&#0021;</u>

a
A-LOWER-CASE
Runicode:
&#00A1;

A
A-UPPER-CASE
Runicode:
<u>&#00A1;</u>

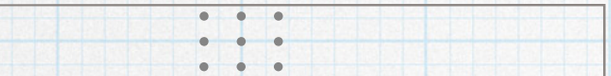
ä
AE-LOWER-CASE
Runicode:
&#00A1;&#00A1;

Ä
AE-UPPER-CASE
Runicode:
<u>&#00A1;&#00A1;</u>



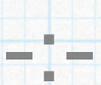
a
ALT-6-DAH-TRAFFIC-SIGN-ALPHA
Runicode:
&#00A6;&#00A6;&#00A6;

Handwritten Encoding NewMorse+ in dots and dashes



0

ALT-SHIFT-9-DIT-TRAFFIC-SIGN-OMEGA
Runicode:
&#22EE;&#22EE;&#22EE;



*

ASTERISK-FROM-X-LOWER-CASE
Runicode:
&#002D;&#003A;&#002D;

b

B-LOWER-CASE
Runicode:
&#0021;&#003A;

B

B-UPPER-CASE
Runicode:
<u>&#0021;&#003A;</u>

n

N-LOWER-CASE
Runicode:
&#0021;

N

N-UPPER-CASE
Runicode:
<u>&#0021;</u>

q

Q-LOWER-CASE
Runicode:
&#00A6;&#00A1;

Q

Q-UPPER-CASE
Runicode:
<u>&#00A6;&#00A1;</u>

w

W-LOWER-CASE
Runicode:
&#00A1;ࢯ

W

W-UPPER-CASE
Runicode:
<u>&#00A1;ࢯ</u>

e

E-LOWER-CASE
Runicode:
ߨ

E

E-UPPER-CASE
Runicode:
<u>ߨ</u>

Handwritten Encoding NewMorse+ in dots and dashes

‰
PROMILLE-ROGER
Runicode:
&#22EE;&#0021;

t
T-LOWER-CASE
Runicode:
ࢯ

z
Z-LOWER-CASE
Runicode:
&#00A6;&#003A;

U
U-UPPER-CASE
Runicode:
<u>&#003A;ࢯ</u>

r
R-LOWER-CASE
Runicode:
&#00A1;ߨ

T
T-UPPER-CASE
Runicode:
<u>ࢯ</u>

Z
Z-UPPER-CASE
Runicode:
<u>&#00A6;&#003A;</u>

i
I-LOWER-CASE
Runicode:
&#003A;

R
R-UPPER-CASE
Runicode:
<u>&#00A1;ߨ</u>

†
REQUEST-TO-SEND-K-DAGGER
Runicode:
&#0021;&#00AF;

u
U-LOWER-CASE
Runicode:
&#003A;ࢯ

I
I-UPPER-CASE
Runicode:
<u>&#003A;</u>

Handwritten Encoding NewMorse+ in dots and dashes

o
O-LOWER-CASE
Runicode:
&#00A6;ࢯ

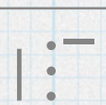
P
P-UPPER-CASE
Runicode:
<u>&#00A1;&#0021;</u>

O
O-UPPER-CASE
Runicode:
<u>&#00A6;ࢯ</u>

ü
UE-LOWER-CASE
Runicode:
&#003A;ࢯ&#002D;

p
P-LOWER-CASE
Runicode:
&#00A1;&#0021;

Ü
UE-UPPER-CASE
Runicode:
<u>&#003A;ࢯ&#002D;</u>



/
DIVISION-SLASH-INTERRUPT
Runicode:
ࢯ&#22EE;&#00AF;

s
S-LOWER-CASE
Runicode:
&#003A;ߨ

S
S-UPPER-CASE
Runicode:
<u>&#003A;ߨ</u>

d
D-LOWER-CASE
Runicode:
&#0021;ߨ

D
D-UPPER-CASE
Runicode:
<u>&#0021;ߨ</u>

f
F-LOWER-CASE
Runicode:
&#003A;&#0021;

Handwritten Encoding NewMorse+ in dots and dashes

F
F-UPPER-CASE
Runicode:
<u>&#003A;&#0021;</u>

g
G-LOWER-CASE
Runicode:
ࢯ&#0021;

G
G-UPPER-CASE
Runicode:
<u>ࢯ&#0021;</u>

h
H-LOWER-CASE
Runicode:
ࢽ

H
H-UPPER-CASE
Runicode:
<u>ࢽ</u>

j
J-LOWER-CASE
Runicode:
&#00A1;&#00A6;

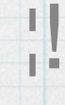
J
J-UPPER-CASE
Runicode:
<u>&#00A1;&#00A6;</u>

k
K-LOWER-CASE
Runicode:
&#0021;ࢯ

K
K-UPPER-CASE
Runicode:
<u>&#0021;ࢯ</u>

I
I-LOWER-CASE
Runicode:
&#00A1;&#003A;

L
L-UPPER-CASE
Runicode:
<u>&#00A1;&#003A;</u>



ö
OE-LOWER-CASE
Runicode:
&#00A6;&#0021;

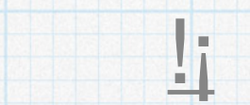
Handwritten Encoding NewMorse+ in dots and dashes

Ö
OE-UPPER-CASE
Runicode:
<u>&#00A6;&#0021;</u>

@
MASTERSPACE-AT-AC
Runicode:
&#00A1;&#203C;

ı
VERTICAL-LINE-FROM-I-LOWER-CASE
Runicode:
&#008A;

x
X-LOWER-CASE
Runicode:
&#0021;&#00A1;



X
X-UPPER-CASE
Runicode:
<u>&#0021;&#00A1;</u>

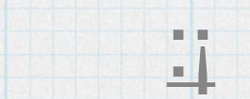
y
Y-LOWER-CASE
Runicode:
&#0021;&#00A6;

Y
Y-UPPER-CASE
Runicode:
<u>&#0021;&#00A6;</u>

c
C-LOWER-CASE
Runicode:
&#203C;

C
C-UPPER-CASE
Runicode:
<u>&#203C;</u>

v
V-LOWER-CASE
Runicode:
&#003A;&#00A1;



V
V-UPPER-CASE
Runicode:
<u>&#003A;&#00A1;</u>

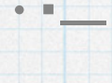
m
M-LOWER-CASE
Runicode:
ࢯࢯ

Handwritten Encoding NewMorse+ in dots and dashes

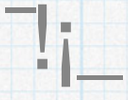
M
M-UPPER-CASE
Runicode:
<u>ࢯࢯ</u>

‡
REQUEST-TO-SEND-BY-A-STATION-KN-DOUBLE-DAGGER
Runicode:
&#0021;&#00A6;ߨ

◊
HASH-DIAMOND-CAPITAL-SIGN-BK
Runicode:
&#0021;&#003A;&#0021;ࢯ



√
VALIDATION-RADICAL-TRAFFIC-SIGN
Runicode:
&#22EE;&#0021;&#005F;



,
COMMA-MIM-TXT
Runicode:
&#00AF;&#0021;&#00A1;&#005F;

.
DOT-AAA
Runicode:
&#00A1;&#00A1;&#00A1;

;
SEMICOLON-NNN
Runicode:
&#0021;&#0021;&#0021;

:
DOUBLE-DOT-MB
Runicode:
&#00A6;&#0021;&#003A;

∞
REPEAT-II-INFINITY
Runicode:
&#003A; &#003A;

—
PAUSE-TRAFFIC-SIGN
Runicode:
&#22F1;

...
WAIT-AS-HORIZONTAL-ELLIPSE
Runicode:
&#00A1;&#22EE;

_
LOW-LINE-UK
Runicode:
&#003A;&#00A6;&#00A1;

Handwritten Encoding NewMorse+ in dots and dashes

-

EN-DASH-FROM-INVERTED-MINUS-THT
Runicode:
&#00AF;ࢽ&#002D;

–

EN-DASH-FROM-INVERTED-MINUS-THT
Runicode:
<u>&#00AF;ࢽ&#002D;</u>

"

QUOTATION-SHIFT-2
Runicode:
&#00AF;&#0021;&#00A1;&#005F;

«

QUOTE-DOUBLE-OPEN-ALT-Q
Runicode:
&#00A1;&#003A;&#0021;

»

QUOTE-DOUBLE-CLOSE-ALT-SHIFT-Q
Runicode:
<u>&#00A1;&#003A;&#0021;</u>

¥

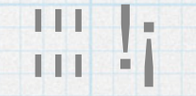
YEN CURRENCY
Runicode:
&#0021;&#003A;&#0021;&2223;
&#0021;&00A6;

≤

SMALLER EQUAL
Runicode:
&#00A6;&#00A6;&#00A6;
&#0021;&#0021;&2223;

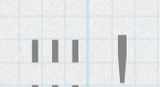
≥

BIGGER EQUAL
Runicode:
&22EE;&22EE;&22EE;
&#00A1;&#00A1;ߨ



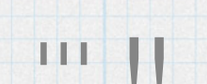
≈

ALMOST EQUAL TO
Runicode:
&#00A6;&#00A6;&#00A6;
&#0021;&00A1;



~

TILDE
Runicode:
&#00A6;&#00A6;&#00A6;
&0021;



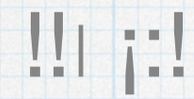
Ç

SMALL C WITH CEDILLA
Runicode:
&#00A6;&#00A6;&#00A6;
&#203C;

Ç

BIG C WITH CEDILLA
Runicode:
&#22EE;&#22EE;&#22EE;
&#203C;

Handwritten Encoding NewMorse+ in dots and dashes

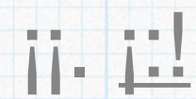


‹

SINGLE LEFT-POINTING ANGLE QUOTATION MARK

Runicode:

&#203C;ࢯ
&#00A1;&#003A;&#0021;



›

SINGLE RIGHT-POINTING ANGLE QUOTATION MARK

Runicode:

&#00A1;&#00A1;ߨ
<u>&#00A1;&#003A;&#0021;</u>

µ

MICRO SIGN

Runicode:

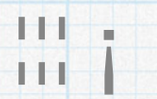
&#00A6;&#00A6;&#00A6;
ࢯࢯ

÷

DIVISION SIGN

Runicode:

&#22EE;&#22EE;&#22EE;
&#00A1;&#00A1;&#00A1;



å

SMALL LETTER A WITH RING ABOVE

Runicode:

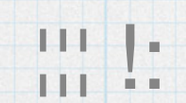
&#00A6;&#00A6;&#00A6;
&#00A1;

Å

BIG LETTER A WITH RING ABOVE

Runicode:

&#22EE;&#22EE;&#22EE;
<u>&#00A1;</u>

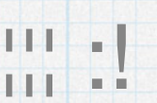


∫

INTEGRAL

Runicode:

&#00A6;&#00A6;&#00A6;
&#0021;&#003A;

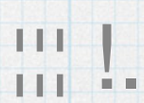


ƒ

SMALL LETTER F WITH HOOK

Runicode:

&#00A6;&#00A6;&#00A6;
&#003A;&#0021;

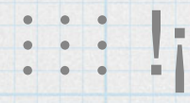


∂

PARTIAL DIFFERENTIAL

Runicode:

&#00A6;&#00A6;&#00A6;
&#0021;ߨ

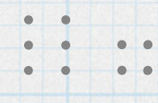


Ù

CAPITAL LETTER U WITH GRAVE

Runicode:

&#22EE;&#22EE;&#22EE;
&#0021;&#00A1;



Ó

CAPITAL LETTER O WITH ACUTE

Runicode:

&#22EE;&#22EE;&#22EE;
ࢽ

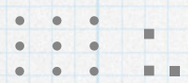
™

TRADE MARK SIGN

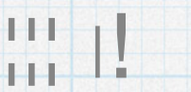
Runicode:

&#22EE;&#22EE;&#22EE;
&#0021;ߨ

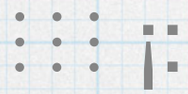
Handwritten Encoding NewMorse+ in dots and dashes



Í
CAPITAL LETTER I WITH ACUTE
Runicode:
&#22EE;&#22EE;&#22EE;
&#003A;ߨ



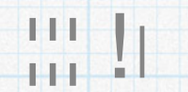
©
COPYRIGHT SIGN
Runicode:
&#00A6;&#00A6;&#00A6;
ࢯ&#0021;



fl
SMALL LIGATURE FL
Runicode:
&#22EE;&#22EE;&#22EE;
&#00A1;&#003A;

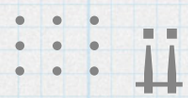
æ
SMALL LETTER AE
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A1;&#00A1;

Ï
CAPITAL LETTER I WITH DIAERESIS
Runicode:
&#22EE;&#22EE;&#22EE;
&#003A;&#0021;



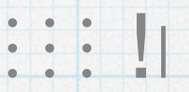
Δ
INCREMENT
Runicode:
&#00A6;&#00A6;&#00A6;
&#0021;ࢯ

œ
SMALL LIGATURE OE
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A6;&#0021;

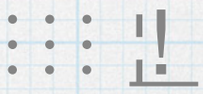


Æ
BIG LETTER AE
Runicode:
&#22EE;&#22EE;&#22EE;
<u>&#00A1;&#00A1;</u>

Ì
CAPITAL LETTER I WITH GRAVE
Runicode:
&#22EE;&#22EE;&#22EE;
ࢯ&#0021;



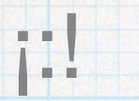
ˆ
MODIFIER LETTER CIRCUMFLEX ACCENT
Runicode:
&#22EE;&#22EE;&#22EE;
&#0021;ࢯ



Œ
BIG LIGATURE OE
Runicode:
&#22EE;&#22EE;&#22EE;
<u>&#00A6;&#0021;</u>

,‘
LEFT & RIGHT SINGLE QUOTATION MARK
Runicode:
<u>&#00A1;&#00A6;&#0021;</u>

Handwritten Encoding NewMorse+ in dots and dashes

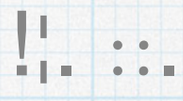


”

LEFT DOUBLE QUOTATION MARK
Runicode:
&#00A1;&#003A;&#0021;

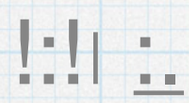
“

RIGHT DOUBLE QUOTATION MARK
Runicode:
<u>&#00A1;&#003A;&#0021;</u>



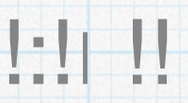
fi

SMALL LIGATURE FI
Runicode:
&#0021;&#00A6;ߨ
ࢽߨ



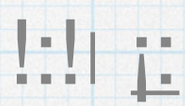
$

DOLLAR CURRENCY
Runicode:
&#0021;&#003A;&#0021;ࢯ
<u>&#003A;ߨ</u>



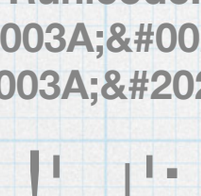
¢

CENT SIGN
Runicode:
&#0021;&#003A;&#0021;ࢯ
&#203C;



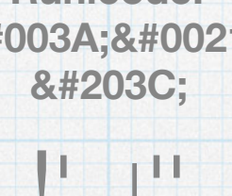
£

POUND CURRENCY
Runicode:
&#0021;&#003A;&#0021;ࢯ
<u>&#00A1;&#003A;</u>



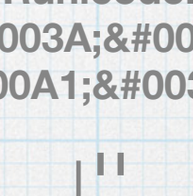
~

SMALL TILDE
Runicode:
&#0021;&#00A6;ߨ
ࢯ&#00A6;&#003A;



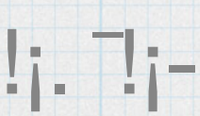
¯

MACRON
Runicode:
&#0021;&#00A6;ߨ
ࢯ&#00A6;&#00A6;



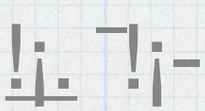
°

RING ABOVE
Runicode:
<u>ࢯ&#00A6;&#00A6;</u>



´

ACUTE ACCENT
Runicode:
&#0021;&00A1;ߨ
&#00AF;&#0021;&#00A1;&#002D;



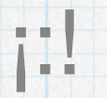
`

GRAVE ACCENT
Runicode:
<u>&#0021;&00A1;ߨ</u>
&#00AF;&#0021;&#00A1;&#002D;

‚‘

LEFT SINGLE QUOTE / APOSTROPHE
Runicode:
<u>&#00A1;&#00A6;&#0021;</u>

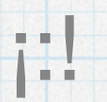
Handwritten Encoding NewMorse+ in dots and dashes



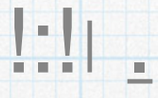
«
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
Runicode:
&#00A1;&#003A;&#0021;

»
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
Runicode:
<u>&#00A1;&#003A;&#0021;</u>

∑
N-ARY SUMMATION
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A1;ࢯ

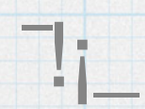


„
DOUBLE LOW-9 QUOTATION MARK
Runicode:
&#00A1;&#003A;&#0021;



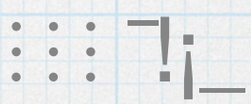
€
EURO CURRENCY
Runicode:
&#0021;&#003A;&#0021;
<u>ߨ</u>

®
REGISTERED MARK
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A1;ߨ

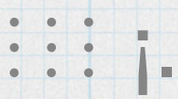


‚
SINGLE LOW-9 QUOTATION MARK
Runicode:
&#00AF;&#0021;&#00A1;&#005F;

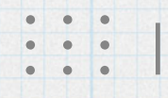
˘
BREVE
Runicode:
&#22EE;&#22EE;&#22EE;
&#203C;



˛
OGONEK
Runicode:
&#22EE;&#22EE;&#22EE;
&#00AF;&#0021;&#00A1;&#005F;



¸
CEDILLA
Runicode:
&#22EE;&#22EE;&#22EE;
&#00A1;ߨ



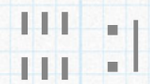
˝
DOUBLE ACUTE ACCENT
Runicode:
&#22EE;&#22EE;&#22EE;
ࢯ

Ω
GREEK CAPITAL LETTER OMEGA
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A6;&#003A;

Handwritten Encoding NewMorse+ in dots and dashes

ˇ

CARON
Runicode:
<u>&#00A1;&#00A1;ߨ</u>



¨

DIAERESIS
Runicode:
&#00A6;&#00A6;&#00A6;
&#003A;ࢯ

Á
CAPITAL LETTER A WITH ACUTE
Runicode:
&#22EE;&#22EE;&#22EE;
&#003A;ࢯ

/
FRACTION SLASH
Runicode:
ࢯ&#22EE;&#00AF;

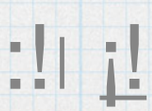
Û
CAPITAL LETTER U WITH CIRCUMFLEX
Runicode:
&#22EE;&#22EE;&#22EE;
&#003A;

±
PLUS-MINUS SIGN
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A1;&#00A1;ߨ

•
BULLET
Runicode:
&#00A6;&#00A6;&#00A6;
&#003A;ࢯ&#005F;

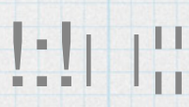
π
SMALL LETTER P
Runicode:
&#0021;&#003A;&#0021;ࢯ
&#00A1;&0021;

ø
SMALL LETTER O WITH STROKE
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A6;&#00A6;ࢯ



∏
N-ARY PRODUCT
Runicode:
&#0021;&#003A;&#0021;ࢯ
<u>&#00A1;&0021;</u>

Ø
CAPITAL LETTER O WITH STROKE
Runicode:
&#22EE;&#22EE;&#22EE;
<u>&#00A6;ࢯ</u>

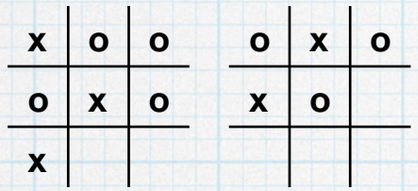


∅
EMPTY SET
Runicode:
&#0021;&#003A;&#0021;ࢯ
ࢯ&#00A6;&#00A6;

NewMorse++

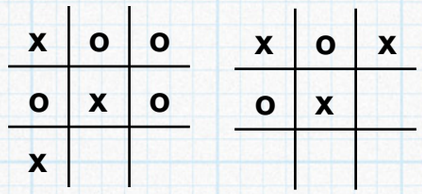
* is a binary transformation of NewMorse (v3) and NewMorse+
* a binary encoding displays DIT and DAH or DOTS and DASHES
* we group string into bits (8 bits = 1 byte), the eighth digit is called check bit
* word spacing is three binary 0 long instead of three DITS (traffic sign PAUSE)
* we are using preceded capital, number and traffic sign that we are familiar with
* To capitalize, you must prefix the letter with a Capital Sign (1000101) instead of highlighting them with underlines
* letters still have approximately four digits, punctuation has up to six digits and numbers have only five digits
* there is no relationship to ´regular´ base 10 or ´binary´ base 2 - first and foremost,
  we would have to translate NewMorse++ into ABC or Basic Leporellion charset and then into machine language (e.g. binary coded decimal numbers from 0 to 9); if you want to use the shortened binary characters, then you have to anticipate a Number Sign (1000101)
* the law of arrangement is SMOL approved, also because we only use 0 and 1 as content placeholder instead of a bulk of characters
* NewMorse++ presented here can be read from left to right, but had to be rearranged where the digits are reflected horizontally
* instead of a binary encoding, we can also use alphabetical RUNICONS (lower case x for 1 and lower case o for 0 on a 3x3 field) - but we favor barrier-free notation without having to install and maintain a font
* NewMorse++ shortened charset and is more practicable for SVG layout or handwritten TEXT formatting

Binary Encoding NewMorse++ in bits



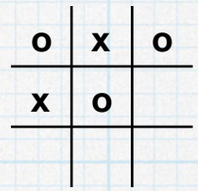
˅

ACCENT-CIRCUMFLEX-INVERTED-END-A-MESSAGE-AR
Binary key:
1000101 01010



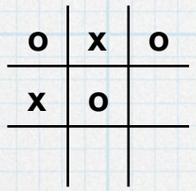
^

ACCENT-CIRCUMFLEX-INVERTED-START-A-MESSAGE-KA
Binary key:
1000101 10101



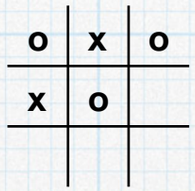
&

AMPERSAND-SAME-AS-PLUS
Binary key:
01010



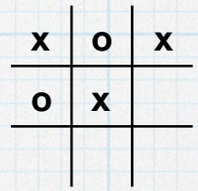
>

END-A-MESSAGE-AR-BIGGER-THAN
Binary key:
01010



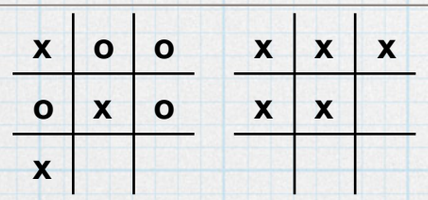
+

PLUS-ADDITION-SAME-AS-END-MESSAGE
Binary key:
01010



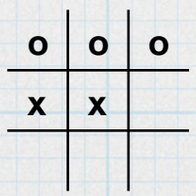
<

START-A-MESSAGE-KA-SMALLER-THAN
Binary key:
10101

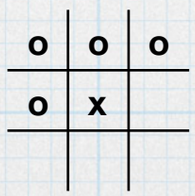


°

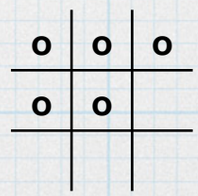
DEGREE-FROM-INVERTED-NUMERIC-0-TOT
Binary key:
1000101 11111



3 = 11
3-SM
Binary key:
00011

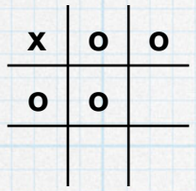


4 = 100
4-SET
Binary key:
00001

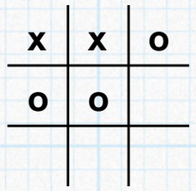


5 = 101
5-IS
Binary key:
00000

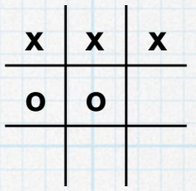
Binary Encoding NewMorse++ in bits



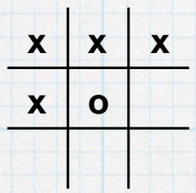
6 = 110
6-NIE
Binary key:
10000



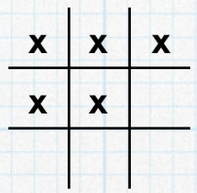
7 = 111
7-MIT
Binary key:
11000



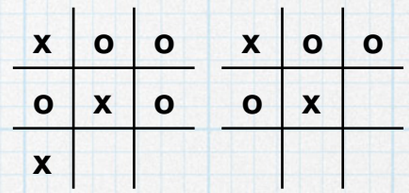
8 = 1000
8-TZ
Binary key:
11100



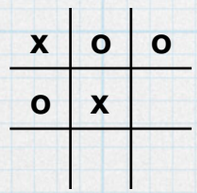
9 = 1001
9-ON
Binary key:
11110



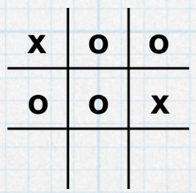
0 = 0
0-TOT
Binary key:
11111



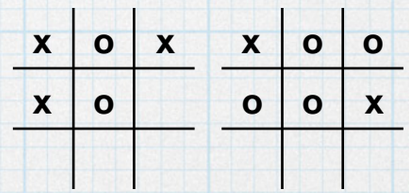
!
EXCLAMATION-MARK-INTERRUPT-BT-INVERTED
Binary key:
1000101 10001



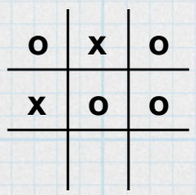
¡
INTERRUPT-BT
Binary key:
10001



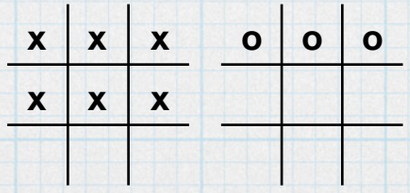
-
MINUS-NEGATION-THT
Binary key:
100001



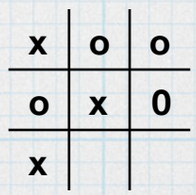
¬
MINUS-NEGATION-THT
Binary key:
10110 100001



§
PARAGRAPH
Binary key:
010100



¶
PILCROW-SIGN-PAUSE-INVERTED
Binary key:
111111 000



#
HASH-NUMBER-SIGN-BK
Binary key:
1000101

Binary Encoding NewMorse++ in bits

o	o	o
x	o	

%
PERCENT-ROGER
Binary key:
00010

x	o	x
x	o	

[
SQUARE-BRACKET-OPEN
Binary key:
10110

x	o	x
x	o	x

]
SQUARE-BRACKET-CLOSE
Binary key:
101101

x	o	o
x	o	

/
SLASH-NORMAL-XE
Binary key:
10010

o	o	o
o	o	o
o	o	o

x	o	o
x	o	

\
SLASH-REVERSE-XE
Binary key:
00000000 0 10010

x	x	x
x	x	x
x	x	x

x	o	o
x	o	

|
VERTICAL-LINE-FROM-I-UPPER-CASE
Binary key:
111111 00

x	o	x
x	o	

(
BRACKET-OPEN
Binary key:
10110

x	x	x
x	x	x
x	x	x

x	o	x
x	o	

{
CURLY-BRACKET-OPEN
Binary key:
111111 10110

x	x	x
x	x	x
x	x	x

x	o	x
x	o	x

}
CURLY-BRACKET-CLOSE
Binary key:
111111 101101

x	o	x
x	o	x

)
BRACKET-CLOSE
Binary key:
101101

o	o	o
o	o	o
o	o	

.
ERRANCY-HH
Binary key:
00000000

o	o	o
o	o	o
o	o	o

o	o	o
o	o	o
o	o	

.
ERRANCY-INVERTED-HH
Binary key:
00000000 0 00000000

Binary Encoding NewMorse++ in bits

x	o	o
o	x	

=
EQUAL-SIGN-INTERRUPT
Binary key:
10001

x	x	x	x	o	o
x	x	x	o	x	

≠
UNEQUAL-SIGN-INTERRUPT
Binary key:
111111 10001

o	o	o
x	x	o
o		

ß
SZ-SHARP-S
Binary key:
0001100

o	o	x
x	o	o

?
QUESTION-MARK-NORMAL
Binary key:
001100

x	x	x
x	x	x

o	o	x
x	o	o

¿
QUESTION-MARK-REVERSE-IMI
Binary key:
111111 001100

o	x	x
x	x	o

,
APOSTROPHE
Binary key:
011110

o	o	o	o	x	x
o	o	o	x	x	o
o	o	o			

‘
APOSTROPHE-INVERTED
Binary key:
000000000 011110

o	o	o
o	x	

a
A-LOWER-CASE
Binary key:
01

x	o	o	o	x	
o	o	o			
x					

A
A-UPPER-CASE
Binary key:
1000101 01

o	x	o
x		

ä
AE-LOWER-CASE
Binary key:
0101

x	o	o	o	x	o
o	x	o	x		
x					

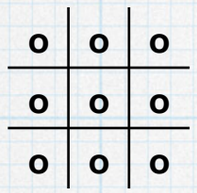
Ä
AE-UPPER-CASE
Binary key:
1000101 0101

x	x	x
x	x	x

a

ALT-6-DAH-TRAFFIC-SIGN-ALPHA
Binary key:
111111

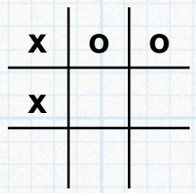
Binary Encoding NewMorse++ in bits



0

ALT-SHIFT-9-DIT-TRAFFIC-SIGN-OMEGA

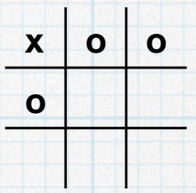
Binary key:
00000000 0



*

ASTERISK-FROM-X-LOWER-CASE

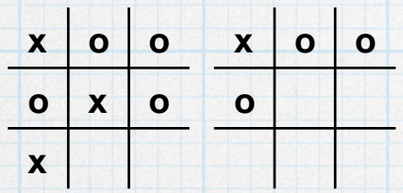
Binary key:
1001



b

B-LOWER-CASE

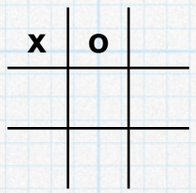
Binary key:
1000



B

B-UPPER-CASE

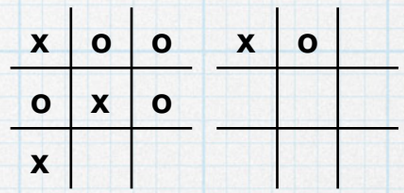
Binary key:
1000101 1000



n

N-LOWER-CASE

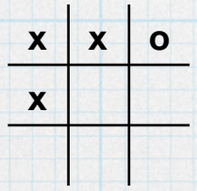
Binary key:
10



N

N-UPPER-CASE

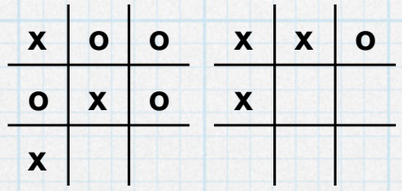
Binary key:
1000101 10



q

Q-LOWER-CASE

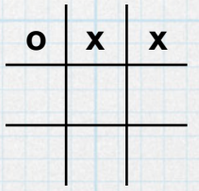
Binary key:
1101



Q

Q-UPPER-CASE

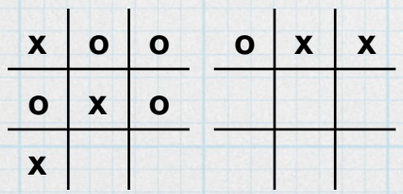
Binary key:
1000101 1101



w

W-LOWER-CASE

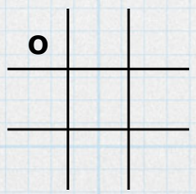
Binary key:
011



W

W-UPPER-CASE

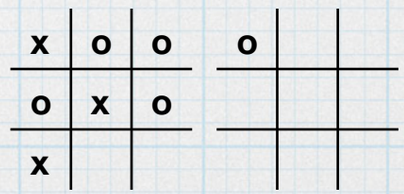
Binary key:
1000101 011



e

E-LOWER-CASE

Binary key:
0

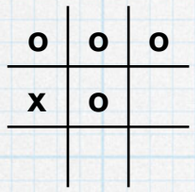


E

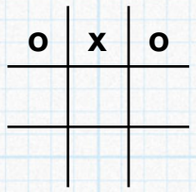
E-UPPER-CASE

Binary key:
1000101 0

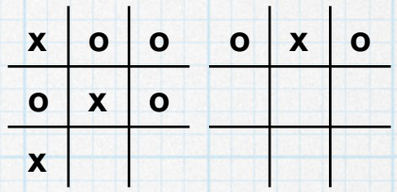
Binary Encoding NewMorse++ in bits



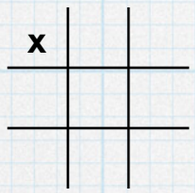
‰
PROMILLE-ROGER
Binary key:
00010



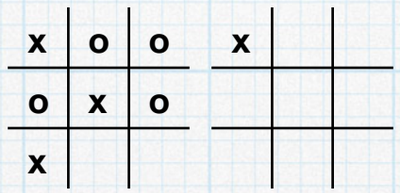
r
R-LOWER-CASE
Binary key:
010



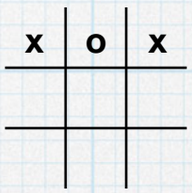
R
R-UPPER-CASE
Binary key:
1000101 010



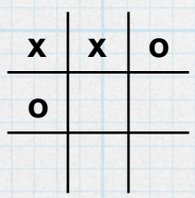
t
T-LOWER-CASE
Binary key:
1



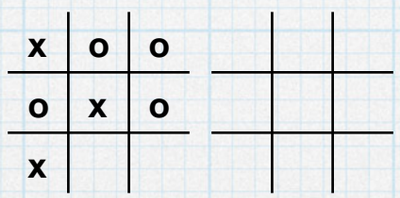
T
T-UPPER-CASE
Binary key:
1000101 1



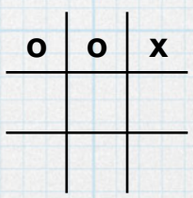
†
REQUEST-TO-SEND-K-DAGGER
Binary key:
101



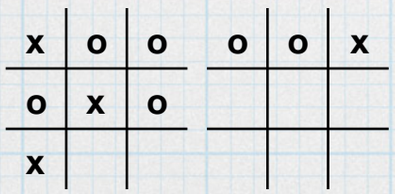
z
Z-LOWER-CASE
Binary key:
1100



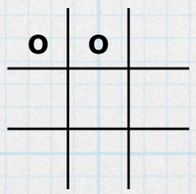
Z
Z-UPPER-CASE
Binary key:
1000101 1100



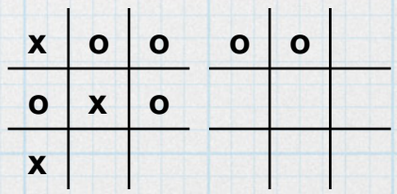
u
U-LOWER-CASE
Binary key:
001



U
U-UPPER-CASE
Binary key:
1000101 001



i
I-LOWER-CASE
Binary key:
00



I
I-UPPER-CASE
Binary key:
1000101 00

Binary Encoding NewMorse++ in bits

x	x	x

o
0-LOWER-CASE
Binary key:
111

x	o	o
o	x	o
x		

o	x	x
o		

P
P-UPPER-CASE
Binary key:
1000101 0110

x	o	o
o	x	o
x		

o	o	x
x		

ü
UE-LOWER-CASE
Binary key:
0011

x	o	o
o	x	o
x		

o	o	x
x		

Ü
UE-UPPER-CASE
Binary key:
1000101 0011

x	o	o
o	x	

/
DIVISION-SLASH-INTERRUPT
Binary key:
10001

o	o	o

s
S-LOWER-CASE
Binary key:
000

x	o	o
o	x	o
x		

o	o	o

S
S-UPPER-CASE
Binary key:
1000101 000

x	o	o

d
D-LOWER-CASE
Binary key:
100

x	o	o
o	x	o
x		

x	o	o

D
D-UPPER-CASE
Binary key:
1000101 100

x	o	o

f
F-LOWER-CASE
Binary key:
0010

Binary Encoding NewMorse++ in bits

x	o	o	o	o	x
o	x	o	o		
x					

F
F-UPPER-CASE
Binary key:
1000101 0010

x	x	o

g
G-LOWER-CASE
Binary key:
110

x	o	o	x	x	o
o	x	o			
x					

G
G-UPPER-CASE
Binary key:
1000101 110

o	o	o
o		

h
H-LOWER-CASE
Binary key:
0000

x	0	0	o	o	o
0	x	0	o		
x					

H
H-UPPER-CASE
Binary key:
1000101 0000

o	x	x
x		

j
J-LOWER-CASE
Binary key:
0111

x	0	0	o	x	x
0	x	0	x		
x					

J
J-UPPER-CASE
Binary key:
1000101 0111

x	o	x

k
K-LOWER-CASE
Binary key:
101

x	o	o	x	o	x
o	x	o			
x					

K
K-UPPER-CASE
Binary key:
1000101 101

o	x	o
o		

I
L-LOWER-CASE
Binary key:
0100

x	0	0	o	x	o
0	x	0	o		
x					

L
L-UPPER-CASE
Binary key:
1000101 0100

x	x	x
o		

ö
OE-LOWER-CASE
Binary key:
1110

Binary Encoding NewMorse++ in bits

x	o	o	x	x	x
o	x	o	o		
x					

Ö
OE-UPPER-CASE
Binary key:
1000101 1110

o	x	x
o	x	o

@
MASTERSPACE-AT-AC
Binary key:
011010

o	o	

I
VERTICAL-LINE-FROM-I-LOWER-CASE
Binary key:
00

x	o	o
x		

x
X-LOWER-CASE
Binary key:
1001

x	o	o	x	o	o
o	x	o	x		
x					

X
X-UPPER-CASE
Binary key:
1000101 1001

x	o	x
x		

y
Y-LOWER-CASE
Binary key:
1011

x	o	o	x	0	x
o	x	o	0		
x					

Y
Y-UPPER-CASE
Binary key:
1000101 1011

x	o	
o		

c
C-LOWER-CASE
Binary key:
1010

x	o	o
o	x	o
x		

C
C-UPPER-CASE
Binary key:
1000101 1010

o	o	o
x		

v
V-LOWER-CASE
Binary key:
0001

x	o	o	o	o	o
o	x	o	x		
x					

V
V-UPPER-CASE
Binary key:
1000101 0001

x	x	

m
M-LOWER-CASE
Binary key:
11

Binary Encoding NewMorse++ in bits

x	o	o
o	x	o
x		

x	x	

M
M-UPPER-CASE
Binary key:
1000101 11

x	o	x
x	o	

‡
REQUEST-TO-SEND-BY-A-STATION-KN-DOUBLE-DAGGER
Binary key:
10110

x	o	o
o	x	o
x		

◊
HASH-DIAMOND-CAPITAL-SIGN-BK
Binary key:
1000101

o	o	o
x	o	x

√
VALIDATION-RADICAL-TRAFFIC-SIGN
Binary key: 000101

x	x	o
o	x	x

,
COMMA-MIM-TXT
Binary key: 110011

o	x	o
x	o	x

.
DOT-AAA
Binary key: 010101

x	o	x
o	x	o

;
SEMICOLON-NNN
Binary key: 101010

x	x	x
o	o	o

:
DOUBLE-DOT-MB
Binary key: 111000

o	o	

o	o	

∞
REPEAT-II-INFINITY
Binary key: 00 00

o	o	o

—
PAUSE-TRAFFIC-SIGN
Binary key: 000

o	x	o
o	o	

…
WAIT-AS-HORIZONTAL-ELLIPSE
Binary key: 01000

o	o	x
x	o	x

_
LOW-LINE-UK
Binary key: 001101

Binary Encoding NewMorse++ in bits

x	o	o
o	o	x

–

EN-DASH-FROM-INVERTED-MINUS-THT
Binary key:
100001

x	o	o	x	o	o
o	x	o	o	o	x
x					

—

EN-DASH-FROM-INVERTED-MINUS-THT
Binary key:
1000101 100001

x	x	o
o	x	x

"

QUOTATION-SHIFT-2
Binary key:
110011

o	x	o
o	x	o

«

QUOTE-DOUBLE-OPEN-ALT-Q
Binary key:
010010

x	o	o	o	x	o
o	x	o	o	x	o
x					

»

QUOTE-DOUBLE-CLOSE-ALT-SHIFT-Q
Binary key:
1000101 010010

x	o	o	x	o	x
o	x	o	x		
x					

¥

YEN CURRENCY
Binary key:
1000101 1011

x	x	x	x	o	x
x	x	x	o	x	

≤

SMALLER EQUAL
Binary key:
111111 10101

o	o	o	o	x	o
o	o	o	x	o	
o	o	o			

≥

BIGGER EQUAL
Binary key:
00000000 0 01010

x	x	x	x	o	o
x	x	x	x		

≈

ALMOST EQUAL TO
Binary key:
111111 1001

x	x	x	x	o	
x	x	x			

~

TILDE
Binary key:
111111 10

x	x	x	x	o	x
x	x	x	o		

Ç

SMALL C WITH CEDILLA
Binary key:
111111 1010

o	o	o	x	o	x
o	o	o	o		
o	o	o			

Ç

BIG C WITH CEDILLA
Binary key:
00000000 0 1010

Binary Encoding NewMorse++ in bits

x	o	x	o	x	o
o	x		o	x	o

‹

SINGLE LEFT-POINTING ANGLE QUOTATION MARK

Binary key:

10101 010010

o	x	o	o	x	o
x	o		o	x	o

›

SINGLE RIGHT-POINTING ANGLE QUOTATION MARK

Binary key:

01010 010010

x	x	x	x	x	
x	x	x			

µ

MICRO SIGN

Binary key:

111111 11

o	o	o	o	x	o
o	o	o	x	o	x
o	o	o			

÷

DIVISION SIGN

Binary key:

00000000 0 010101

x	x	x	o	x	
x	x	x			

å

SMALL LETTER A WITH RING ABOVE

Binary key:

111111 01

o	o	o	x	o	
o	o	o			
o	o	o			

Å

BIG LETTER A WITH RING ABOVE

Binary key:

00000000 0 10

x	x	x	x	o	o
x	x	x	o		

∫

INTEGRAL

Binary key:

111111 1000

x	x	x	o	o	x
x	x	x	o		

ƒ

SMALL LETTER F WITH HOOK

Binary key:

111111 0010

x	x	x	o	o	o
x	x	x			

∂

PARTIAL DIFFERENTIAL

Binary key:

111111 100

o	o	o	x	o	o
o	o	o	x		
o	o	o			

Ù

CAPITAL LETTER U WITH GRAVE

Binary key:

00000000 0 1001

o	o	o	o	o	o
o	o	o	o		
o	o	o			

Ó

CAPITAL LETTER O WITH ACUTE

Binary key:

00000000 0 0000

o	o	o	x	o	o
o	o	o			
o	o	o			

™

TRADE MARK SIGN

Binary key:

00000000 0 100

Binary Encoding NewMorse++ in bits

o	o	o	o	o	o
o	o	o			
o	o	o			

Í

CAPITAL LETTER I WITH ACUTE

Binary key:

00000000 0 000

o	o	o	o	o	x
o	o	o	o		
o	o	o			

Ï

CAPITAL LETTER I WITH DIAERESIS

Binary key:

00000000 0 0010

o	o	o	x	x	o
o	o	o			
o	o	o			

Ì

CAPITAL LETTER I WITH GRAVE

Binary key:

00000000 0 110

x	x	x	x	x	o
x	x	x			

©

COPYRIGHT SIGN

Binary key:

111111 110

x	x	x	x	o	x
x	x	x			

Δ

INCREMENT

Binary key:

111111 101

o	o	o	x	o	x
o	o	o			
o	o	o			

ˆ

MODIFIER LETTER CIRCUMFLEX ACCENT

Binary key:

00000000 0 101

o	o	o	o	x	o
o	o	o	o		
o	o	o			

fl

SMALL LIGATURE FL

Binary key:

00000000 0 0100

x	x	x	x	x	x
x	x	x	o		

œ

SMALL LIGATURE OE

Binary key:

111111 1110

o	o	o	x	x	x
o	o	o	o		
o	o	o			

Œ

BIG LIGATURE OE

Binary key:

00000000 0 1110

x	x	x	o	x	o
x	x	x	x		

æ

SMALL LETTER AE

Binary key:

111111 0101

o	o	o	o	x	o
o	o	o	x		
o	o	o			

Æ

BIG LETTER AE

Binary key:

00000000 0 0101

x	o	o	o	x	x
o	x	o	x	x	o
x					

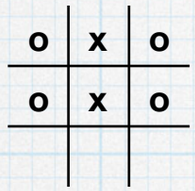
,‘

LEFT & RIGHT SINGLE QUOTATION MARK

Binary key:

1000101 011110

Binary Encoding NewMorse++ in bits

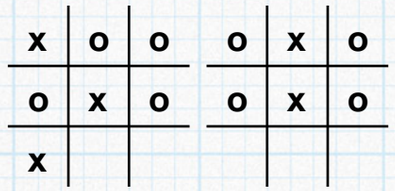


”

LEFT DOUBLE QUOTATION MARK

Binary key:

010010

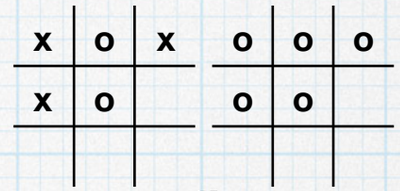


“

RIGHT DOUBLE QUOTATION MARK

Binary key:

1000101 <u>010010</u>

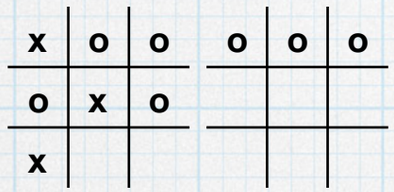


fi

SMALL LIGATURE FI

Binary key:

10110 00000

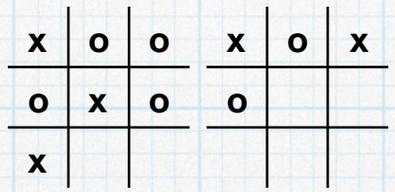


$

DOLLAR CURRENCY

Binary key:

1000101 000

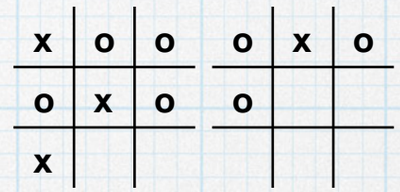


¢

CENT SIGN

Binary key:

1000101 1010

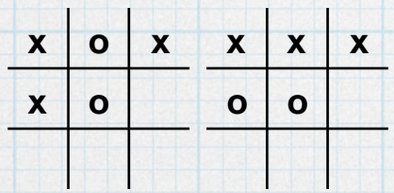


£

POUND CURRENCY

Binary key:

1000101 0100

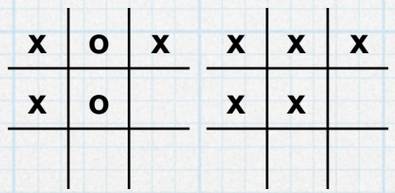


~

SMALL TILDE

Binary key:

10110 11100

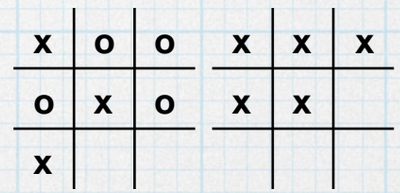


¯

MACRON

Binary key:

10110 11111

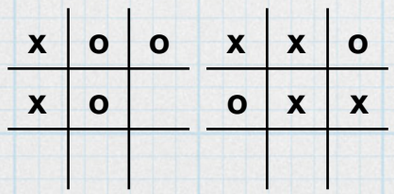


°

RING ABOVE

Binary key:

1000101 <u>11111</u>

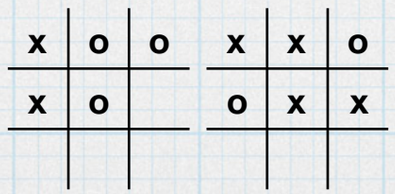


´

ACUTE ACCENT

Binary key:

10010 110011

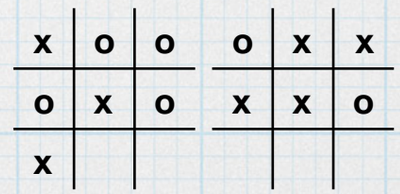


`

GRAVE ACCENT

Binary key:

<u>10010</u> 110011



‘

LEFT SINGLE QUOTE / APOSTROPHE

Binary key:

1000101 <u>011110</u>

Binary Encoding NewMorse++ in bits

o	x	o
o	x	o

«

LEFT-POINTING DOUBLE ANGLE QUOTATION MARK

Binary key:

010010

o	x	o
o	x	o

»

RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK

Binary key:

010010

x	x	x	o	x	x
x	x	x			

∑

N-ARY SUMMATION

Binary key:

111111 011

o	x	o
o	x	o

„

DOUBLE LOW-9 QUOTATION MARK

Binary key:

010010

x	o	o	o		
o	x	o			
x					

€

EURO CURRENCY

Binary key:

1000101 0

x	x	x	o	x	o
x	x	x			

®

REGISTERED MARK

Binary key:

111111 010

x	x	o
o	o	o

‚

SINGLE LOW-9 QUOTATION MARK

Binary key:

110011

o	o	o	x	o	x
o	o	o	o		
o	o	o			

˘

BREVE

Binary key:

00000000 0 1010

o	o	o	o	x	o
o	o	o			
o	o	o			

˛

OGONEK

Binary key:

00000000 0 110011

o	o	o
o	o	o
o	o	o

¸

CEDILLA

Binary key:

00000000 0 010

o	o	o	x		
o	o	o			
o	o	o			

˝

DOUBLE ACUTE ACCENT

Binary key:

00000000 0 1

x	x	x	x	x	o
x	x	x	o		

Ω

GREEK CAPITAL LETTER OMEGA

Binary key:

111111 1100

Binary Encoding NewMorse++ in bits

o	o	o	o	x	o
o	o	o	x	o	
o	o	o			

ˇ

CARON
Binary key:
0000000 0 01010

x	o	o
o	x	

/
FRACTION SLASH
Binary key:
10001

x	x	x	o	o	x
x	x	x	x		

•
BULLET
Binary key:
111111 0011

x	o	o	o	x	x
o	x	o	o		
x					

π
SMALL LETTER P
Binary key:
1000101 0110

x	x	x	o	o	x
x	x	x			

¨

DIAERESIS
Binary key:
111111 001

o	o	o	o	o	
o	o	o			
o	o	o			

Û
CAPITAL LETTER U WITH CIRCUMFLEX
Binary key:
00000000 0 00

x	x	x	x	x	x
x	x	x	x	x	

ø
SMALL LETTER O WITH STROKE
Binary key:
111111 11111

x	o	o	o	x	x
o	x	o	o		
x					

∏
N-ARY PRODUCT
Binary key:
1000101 0110

o	o	o	x	x	x
o	o	o			
o	o	o			

Á
CAPITAL LETTER A WITH ACUTE
Binary key:
00000000 0 001

x	x	x	o	x	o
x	x	x	x	o	

±
PLUS-MINUS SIGN
Binary key:
111111 01010

o	o	o	x	x	x
o	o	o			
o	o	o			

Ø
CAPITAL LETTER O WITH STROKE
Binary key:
00000000 0 111

x	o	o	x	x	x
o	x	o	x	x	
x					

∅
EMPTY SET
Binary key:
1000101 11111

MathDIY

* Democracy (D) and Internet (I) are Yours (Y) stands for a macroeconomic value system
* MathDIY is a simple mathematical notation for describing business and political decision making, capturing its motivation, tensions, processes and context
* MathDIY makes recommendations and suggestions for how determinants – macroeconomic and microeconomic – can be incorporated into an Account System (IAS, NAS) or Balanced Scorecard (BSC)
* MathDIY includes cost accounting and calculation (e.g. Revenues = Sales - Costs etc.)
* its scope extends inevitably to people, nature, democracy and the Internet without Frontiers (IwF), which are to be embedded as variables next to other units
* new determinants assimilate old doctrines, example given:
  [Y (Yield) = C (Consumption) + S (Save); Y =C + I (Investment);] because Yield (Y) is thus influenced by D + I = Y (Yours) and by constraints (interaction, growth, stability, sustainability, resources, culture)
* MathDIY finalizes and reflects the balance of Fair External Trade Agreement (FETA) and fundamentally changes the requirements for Diplomatic International Relations (DIR)
* determinants need a well-formed Syntax or Document Type Definition (e.g. MathML, SVG text)
* first, let's look at a small introduction to set theory and markup language

Mathematical Syntax in MathDIY

ℯ

Estimated Symbol
UNICODE: &#212E;

ε

Euler Constant
UNICODE: ࠻

∈

Element of
UNICODE: ࢠ

∉

not Element of
UNICODE: ࢡ

∧

Logical AND
UNICODE: ࢳ

∨

Logical OR
UNICODE: ࢴ

∏

n-ary PRODUKT
UNICODE: &#220F;

∑

n-ary SUMMATION
UNICODE: &#220F;

<

less than
UNICODE: &#003C;

>

greater than
UNICODE: &#003E;

≤

less than or equal to
UNICODE: ࣘ

≥

greater than
UNICODE: ࣙ

⊂

Subset of
UNICODE: ࣪

⊃

Superset of
UNICODE: ࣫

⊆

Subset of or equal to
UNICODE: ࣮

⊇

Superset of
UNICODE: ࣯

∴

therefore
UNICODE: ࢺ

∵

because
UNICODE: ࢻ

∶

ratio
UNICODE: ࢼ

∷

proportion
UNICODE: ࢽ

Mathematical Syntax in MathDIY

÷

devision sign
UNICODE: &#00F7;

×

multiplication sign
UNICODE: &#00D7;

∫

integral
UNICODE: &#222B;

⨍

finite part integral
UNICODE: &#2A0D;

α

alpha
UNICODE: &#03B1;

β

beta
UNICODE: &#03B2;

Ω

omega (Ohm)
UNICODE: ࡎ

∂

partial differential
UNICODE: ࢚

π

pi sign
UNICODE: &#03C0;

μ

micro sign
UNICODE: &#00B5;

(i)

i (interest)
UNICODE: &#24A4;

(t)

t (time)
UNICODE: &#24AF;

( )

(sub)script for determinant
empty parenthesis
UNICODE: &#0028;&#0029;

{ }

set theory
curly brackets
UNICODE: &#007B;&#007D;

[ ]

square brackets
UNICODE: &#005B;&#005D;

| |

amount, size, value for unit
vertical dividers
UNICODE: &#239C;&#239F;

a/c

address to
UNICODE: ࠴

c/o

care of
UNICODE: ࠹

Mathematical Syntax in MathDIY

(D)

D (Democracy)
UNICODE: &#1F113;

(N)

N (Nature)
UNICODE: &#1F11D;

$(A) = (A)_1+(A)_2$

A (Area)
built up + undeveloped
UNICODE: &#1F110;

(Y)

Y (Yours)
UNICODE: &#1F128;

(P)

P (Product)
factor of production
UNICODE: &#1F114;

$°(F) \leq 360°$

Level of Freedom
foreign trade
UNICODE: &00B0; &#1F115;

$°(C) \leq 100°$

Level of Constitution
domestic economy
UNICODE: &00B0; &#1F121;

$Y = (D) \times [(N) - (A)]$

Yield = Yours (Y)
factor of ecosystem

(G)

G (Ground)
factor of production
UNICODE: &#1F116;

(C)

C (Capital)
factor of production
UNICODE: &#1F112;

(W)

W (Work)
factor of production
UNICODE: &#1F126;

F4F

Fridays for Future

(S)

S (State)
UNICODE: &#1F114;

(H)

H (Household)
UNICODE: &#1F117;

(E)

E (Enterprise)
UNICODE: &#1F114;

V4V

V for Vendetta

$H_{(C)}$

Human Capital

$H_{(R)}$

Human Resources

$H_{(O)} = H_{(D)}$

Full Employment
offers = demands

$H_{(C)} > H_{(R)}$

unexploited
Human Development

Mathematical Syntax in MathDIY

Y_{1st}

Yours
DETERMINANT FOR QUALITY

Y_{2nd}

Yield
DETERMINANT FOR QUANTITY

I_Y

Internet
ELEMENT OF YOURS

D_Y

Democracy
ELEMENT OF YOURS

Y_T

Total Yield
DETERMINANT FOR QUANTITY

$Y_{(i)} = Y_T - Y_{1,2}$

Interest Yield
DETERMINANT FOR QUALITY

I_g

Gross Investment
ELEMENT OF INVESTMENT

I_n

Net Investment
ELEMENT OF INVESTMENT

$V_Y = Y_{1st} \geq Y_{2nd}$

Value for Citizen
DETERMINANT FOR QUALITY

$I_t = I_g - I_n$

VAT on Investment
ELEMENT OF INVESTMENT

$I_{(t)}$

Amortization Duration
DETERMINANT FOR QUALITY

I_Q

Return on Investment
DETERMINANT FOR QUALITY

$V_Y = Y_{1st} \leq Y_{2nd}$

Value for State
DETERMINANT FOR QUANTITY

C

Consumption
ELEMENT OF 2ND YIELD

$S = Y_{2nd} - C$

Save
ELEMENT OF 2ND YIELD

$I = Y_{2nd} - C$

Investment
ELEMENT OF 2ND YIELD

$I_{(i)} = S_{(Y)}$

Balanced Budget
IN A CLOSED ECONOMY
(WITHOUT FOREIGN TRADE)
WHEREBY i = INTEREST

$S = I_n$

Identity Equation
economy without
foreign trade

$Y_{2nd} = C + S$

IS-function 1
APPROACH TO FORMATION

$Y_{2nd} = C + I_n$

IS-function 2
APPROACH TO USE

Mathematical Syntax in MathDIY

$S = Y - C - G$

Economic Savings

$Y = C+I + OC$

OC = (Ex-Im)
outside contribution

$Y_1+Im_1=C_2+I_2+ Ex_2$

CB ≠ (Ex-Im)
current balance

$N_x = Ex - Im$

Net Export

$S = I + N_x$

Identity Equation
open economy with foreign trade

G

Government spending

D

Depreciation

$Y_2-Y_1 > 0$

YIELD creation

R_m

row materials

$R_{s,a}$

resources by supplies/additives

R_p

resources by plant materials

R_q

rare materials
WITH PARTICULARLY HIGH REQUIREMENTS OR RISKS

R_e

resources by excipients

$R_{x,y,z}$

recyclable, renewable, refurbished resources

Mathematical Syntax in MathDIY

$°P$

level of the PRICE

$°P = [(M) \times CS_{(M)}] \div Y$

level of the PRICE

$°P_2 - °P_1 > 0$

Inflation

(M)

MONEY supply
UNICODE: &#1F11C;

$(M)_2 - (M)_1 > 0$

MONEY creation

$Cs_{(M)}$

CIRCULATION SPEED

$(M)_2 - (M)_1 >$

$[Y_2 - Y_1] - [Cs_2 - Cs_1]_{(M)}$

Inflation Equation
SHOWING THE CHANGE RATES OF
THE REPORTING PERIODS

$Y \times °P = (M) \times Cs_{(M)}$

Quantity Equation

$[Cs_2 - Cs_1]_{(M)} \geq 0$

CIRCULATION SPEED
INCREASES OR
REMAINS CONSTANT

Mathematical Syntax in MathDIY

$7S_{(E)}$

7-S-Modell BY MCKINSEY

STRATEGY, ORGANIZATIONAL **STRUCTURE**, **SYSTEMS** AND ITS PROCESSES, CULTURAL **STYLE**, **STAFF**, **SKILLS**, **SUPERORDINATE** GOALS WHEREBY (E) = ENTERPRISE

$12S_{(E)}$

12-S-Model (Molecule) BY JENS T. HINRICHS

SUPPLY CHAINS (has effects on STRATEGY), **STORAGE** OF ENERGY (reserves, savings, surplus, renewables), ORGANIZATIONAL **SEGMENTATION** AND CHANGE (business units and assets, SWOT), **SLACKS** (Project management and planning), **SYNERGIES** (opt-in/opt-out; Make or buy, USP, workflow), **STACKS** (foreign expertise vs your experiences), **SHAREHOLDERS** (also investors, suffrages), INTERCULTURAL **SYSTEMS** (obstacles, environment, markets, fiscal), **STYLE AND STACK** (foreign expertise vs given experiences), **SOCIAL BENEFITS** (Image, integrity, absolute economics, exploration), **STAKEHOLDERS** (also public interests, Lobbyism and policies), OWN **SKILLS AND** CREATIVE **STAFF** (talent stack, human capital, S.W.A.T., experiences, patents), **SHARE-ABILITY** (evaluable usage, participation, performance, scales), **SUPERSET/SUBSET** OF … OR EQUAL TO SUPERORDINATE GOALS (profiteering, social engineering, utility maximization, lobbyism, market leadership, branding, cultural of concealment)
WHEREBY (E) = ENTERPRISE

$| iP^2_{(Y)} |$

iPotency
VALUE FOR UNIT OF A USER IN A DATING PORTAL OR MATCHING PROCESS
WHEREBY $_{(Y)}$ = YOURS

$E://mc^n$

Expansion of the Internet
INTERACTION THEORY OF RELATIVITY
BY JENS T. HINRICHS
DERIVED MEASURE OF EVOLUTION;
m = MASS OF EXPRESSION
MULTIPLIED BY c = CONTENT
EXPOTENTIATED WITH
n = UNKNOWNS WHEREBY
E:// = EXPANSION OF INTERNET

$R://\Omega$

Resistance of the Internet
INTERACTION THEORY OF COUNTERACTION
BY JENS T. HINRICHS
DERIVED MEASURE OF ACCEPTANCE;
R:// = RESISTANCE OF INTERNET,
Ω = USER-GENERATED-CONTENT (UGC) AND OTHER EXTERNAL MEDIA (OEM) ÷ VALUE FOR TOTAL UNIT OF INTERACTION (SHARE, LIKES, COMMENTS, FOLLOWERS ETC.) WHEREBY
$(R_2 - R_1) > R_1$ (ACCEPTANCE),
$(R_2 - R_1) < R_1$ (RESISTANCE)

Mathematical Syntax in MathDIY

$7Ps + \sum P_x$

Politics-Mix

BY JENS T. HINRICHS

PRODUCTION, PRICING, PROMOTION, PLACEMENT, PHYSICAL EVIDENCE, PEOPLE, PROCESS **(MARKETING-MIX BY JOBBER)** + PARTNERS, POLITICAL OBSTACLES, PLC, PROJECTION, PLANNING, PLAYER AND PARADIGM SHIFT, PARTICIPATION, PERFORMANCE ETC.

$4Pm + \sum P_y$

Player-Model

BY JENS T. HINRICHS

MOVER, BYSTANDER, OPPOSER, FOLLOWER **(4-PLAYER-MODEL BY KANTOR)** + PROCLAIMER, OBSERVER, SPECTATOR, GAWPER, INFLUENCER, PARTNERS STEREOTYPES, STAKEHOLDERS (ALSO CONTRIBUTERS, COUNTERFEITS) ETC.

$4S \in 7Ps + \sum P_{x,y}$

Strategy-Model

BY JENS T. HINRICHS

STRENGTH, WEAKNESS, OPPORTUNITIES, THREATS **(S.W.O.T.-ANALYSIS)** ARE ELEMENTS OF POLITICS-MIX

$4Pm + \sum P_{x,y} \in 4F \times 3F$

Forces-Model

BY JENS T. HINRICHS

PLAYER-MODEL IS ELEMENT OF (OR DRIVEN BY) **S.W.A.T.-ANALYSIS**: SKILLS, WILLINGNESS TO CHANGE SOMETHING, ACTION TO BE TAKEN, TEAM OR TECHNIQUE (4F) PAIRED WITH FAITH OR FAIRNESS, FAMILY AND FREEDOM **(3F)** OR DRIVEN BY FRIDAYS FOR FUTURE **(F4F)** OR SOMETIMES MULTIPLIED WITH FINANCIAL RISK AND CROWD FUNDING **(2F)**

$|PEST| + |LE| \in 7Ps + \sum Px,y$

Value for PEST-factors

POLITICAL DECISION-MAKING, ECONOMIC ECOSYSTEM, SOCIOCULTURAL VALUES, TECHNICITY + LEGAL LOOPHOLES, ENVIRONMENTAL CONSCIOUSNESS **(P.E.S.T.L.E.-ANALYSIS)** ARE ELEMENTS OF POLITICS-MIX

$|PERFORM| \in 7Ps + \sum Px,y$

Value for PERFORM-factors

PURPOSE AND VALUES, EMPOWERMENT, RELATIONSHIP AND COMMUNICATION, FLEXIBILITY, OPTIMIZATIONS OF PRODUCTIVITY, RECOGNITION AND APPRECIATION, MORAL AND MOTIVATION **(P.E.R.F.O.R.M.-ANALYSIS)** ARE ELEMENTS OF POLITICS-MIX

Mathematical Syntax in MathDIY

|PERSONAS ARK|

Value for
target audience or potential customer
CUSTOMER PROTOTYPING, PREFERENCES, RESEARCH, BUYING BEHAVIOR, PRICE SENSITIVITY ETC. ARE ELEMENTS OF POLITICS-MIX

$5F_{(E)}$

Enterprise (E) by 5 Forces
(5-FORCES-MODELL BY PORTER)
BARGAINING POWER OF THE SUPPLIERS
(low presence of substitutes, high participation in the value chain, low risk of backward integration),
BARGAINING POWER OF CUSTOMERS
(institutional customer concentration, bulk goods/orders at low prices, high presence of substitutes, high risk of backward integration),
THREAT OF NEW COMPETITORS AND STARTUPS
(market entry/market exit barriers, Economies of scales, high gross yields are associated with high debts),
THREAT OF SUBSTITUTES OR PATENT TROLLS
(physical and immaterial competitors),
COMPETITIVE INTENSITY OF THE INDUSTRY OR BRANCH
(driven by product innovation or fundamental changes of customer buying behavior, protectionism of key industries by nationalization of companies, common ownership, social engineering)

Mathematical Syntax in MathDIY

$$°(L)\equiv$$

level of media literacy (satisfaction)

UNICODE:
P&#1F11B;ࣕ

$$°(L)\approxeq$$

level of currency liquidity (stability)

UNICODE:
P&#1F11B;&#224B;

$$D_x = A_{Ex} - H_{Im}$$

Democracy Deficit

EXPORT OF ARMAMENTS MINUS IMPORT OF HUMANITY WHEREBY

$$D_{X2}-D_{X1} < 0$$

$$D_{x2}-D_{x1} > 0$$

Democracy Benefit

Mathematical Syntax in MathDIY

$$Y_{(E)} = R_g - C_g$$

Yield of Enterprise (E)
GROSS REVENUES – GROSS COSTS

$$C_{(E)} = C_v + C_f$$

Cost of Enterprise
VARIABLE COSTS + FIXED COSTS

$$C_{(Y)} = C_v + C_f$$

Yours of Consumption (Y)
VARIABLE COSTS (electricity, gas etc.) + FIXED COSTS (rent, compulsory fee, basic fees, tax prepayment, progress payments) WHEREBY STEP-FIXED OR VARIABLE-FIXED COST INCLUDED IN BOTH (subsequent payments, tariffication by volumina)

$$Y_{(S)} + C_{(S)} = q[(E)_{T1} + (H)_{T1}] - p[(E)_{T2} + (H)_{T2}]$$

Yield of State (S)
TAX INCOMES – TRANSFER BENEFITS WHEREBY q = INPUT, p = OUTPUT, T_1 = TAX INCOMES, T_2 = TRANSFER BENEFITS AND $\mathbf{C}_{(S)}$ = COST/CONSUMPTION OF STATE (raising, lending, redemption of credits or paying interests or international contribution, tax refund, salary to officials)

$$C_{(E)} \div x = C_f \div x + c_v$$

cost on average
WHEREBY $\mathbf{c_v}$ = q = INPUT PRICE (PRODUCTION) PER UNIT

$$x^* = C_f \div (px - c_v)$$

Break Even
WHEREBY **px** = OUTPUT PRICE (RETAIL PRICE) PER UNIT

Mathematical Syntax in MathDIY

$$f(x) => y = mx + n$$

general form of linear equation

$$m = (y_2-y_1)\div(x_2-x_1)$$

difference quotient of linear equation

$$n = [(y_1 \times x_2)-(y_2 \times x_1)]\div(x_2-x_1)$$

point of intersection of linear equation

$$c = ax + bx$$

coordinate form of linear equation

WHEREBY x_0, $y_0 > 0$

$$y_1 = -(y_0\div x_0)x_1 + y_0$$

intercept form of linear equation

WHEREBY $y_0 = n$

$$y = ax^2 + bx + c$$

general form of quadratic function

WHEREBY $f(x) => y$

$$y = ax^3 + bx^2 + cx + d$$

general form of polynomial function third degree

WHEREBY $f(x) => y$

$$y = ax^4 + bx^3 + cx^2 + dx + e$$

general form of polynomial function fourth degree

WHEREBY $f(x) => y$