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: »

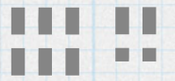
¥
YEN CURRENCY
NewMorse (v3): # + SHIFT Y

≤
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

∫

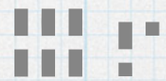
INTEGRAL

NewMorse (v3): ALT H + B

ƒ

SMALL LETTER F WITH HOOK

NewMorse (v3): ALT H + F



∂

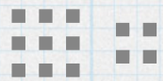
PARTIAL DIFFERENTIAL

NewMorse (v3): ALT H + D

Ù

CAPITAL LETTER U WITH GRAVE

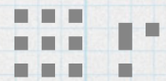
NewMorse (v3): ALT J + X



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

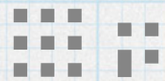
Ï
CAPITAL LETTER I WITH DIAERESIS
NewMorse (v3): ALT J + F

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

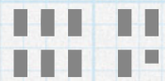
©
COPYRIGHT SIGN
NewMorse (v3): ALT H + G

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

~

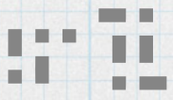
SMALL TILDE
NewMorse (v3): ALT-SHIFT Y + 8

¯

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>

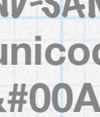
+

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

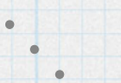
!
EXCLAMATION-MARK-INTERRUPT-BT-INVERTED
Runicode:
<u>ࢯ&#22EE;ࢯ</u>

¡
INTERRUPT-BT
Runicode:
ࢯ&#22EE;ࢯ

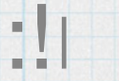
¯
MINUS-NEGATION-THT
Runicode:
&#00AF;ࢼࢼ&#005F;

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

§
PARAGRAPH
Runicode:
&#00A1;&#00A1;ࢼ

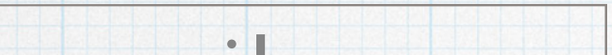


¶
PILCROW-SIGN-PAUSE-INVERTED
Runicode:
<u>&#22F1;</u>



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

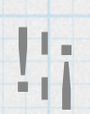
Handwritten Encoding NewMorse+ in dots and dashes



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

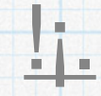
/
SLASH-NORMAL-XE
Runicode:
&#0021;&#00A1;ߨ

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

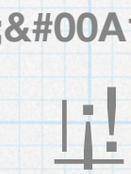


)
BRACKET-CLOSE
Runicode:
&#0021;&#00A6;&#00A1;

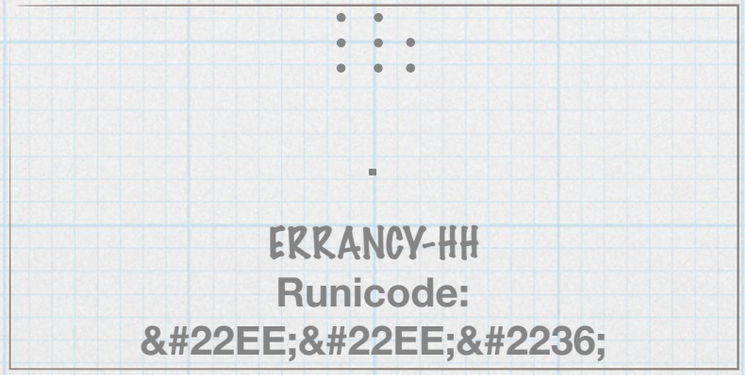
[
SQUARE-BRACKET-OPEN
Runicode:
&#005F;&#00A1;&#0021;



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



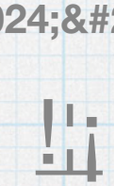
{
CURLY-BRACKET-OPEN
Runicode:
<u>ࢯ&#00A1;&#0021;</u>



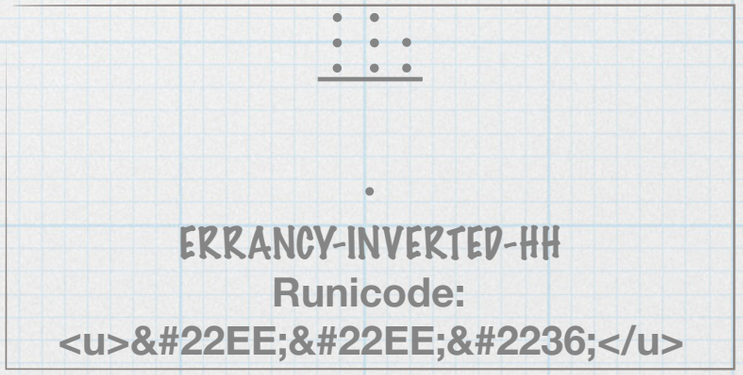
.
ERRANCY-HH
Runicode:
&#22EE;&#22EE;ࢼ

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

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



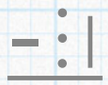
}
CURLY-BRACKET-CLOSE
Runicode:
<u>&#0021;&#00A6;&#00A1;</u>



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

Handwritten Encoding NewMorse+ in dots and dashes

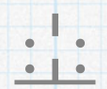
=
EQUAL-SIGN-INTERRUPT
Runicode:
&#002D;&#22EE;ࢯ



≠
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;

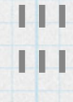
‘
APOSTROPHE-INVERTED
Runicode:
<u>&#00A1;&#00A6;&#0021;</u>

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

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

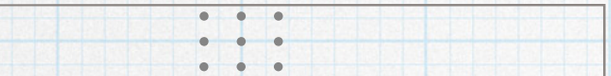
ä
AE-LOWER-CASE
Runicode:
&#00A1;&#00A1;

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



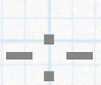
a
ALT-6-DAH-TRAFFIC-SIGN-ALPHA
Runicode:
&#00A6;&#00A6;&#00A6;

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

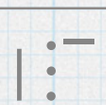
P
P-UPPER-CASE
Runicode:
<u>&#00A1;&#0021;</u>

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;

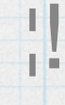
J
J-UPPER-CASE
Runicode:
<u>&#00A1;&#00A6;</u>

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;

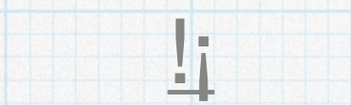
Handwritten Encoding NewMorse+ in dots and dashes

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

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

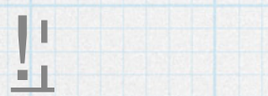
ı
VERTICAL-LINE-FROM-I-LOWER-CASE
Runicode:
&#008A;

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

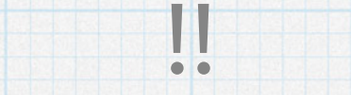


X
X-UPPER-CASE
Runicode:
<u>&#0021;&#00A1;</u>

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>

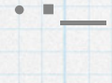
m
M-LOWER-CASE
Runicode:
ࢯࢯ

Handwritten Encoding NewMorse+ in dots and dashes

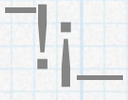
M
M-UPPER-CASE
Runicode:
<u>ࢯࢯ</u>

‡
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>

¥

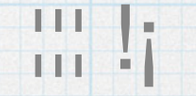
YEN CURRENCY
Runicode:
&#0021;&#003A;&#0021;&2223;
&#0021;&00A6;

≤

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

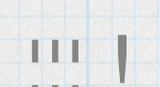
≥

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



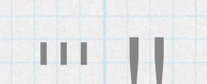
≈

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



~

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



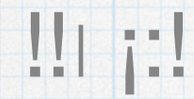
Ç

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

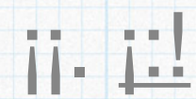


‹

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:

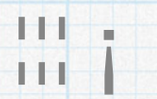
&#00A6;&#00A6;&#00A6;
ࢯࢯ

÷

DIVISION SIGN

Runicode:

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



å

SMALL LETTER A WITH RING ABOVE

Runicode:

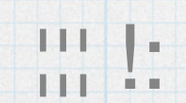
&#00A6;&#00A6;&#00A6;
&#00A1;

Å

BIG LETTER A WITH RING ABOVE

Runicode:

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

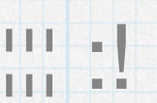


∫

INTEGRAL

Runicode:

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

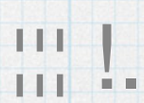


ƒ

SMALL LETTER F WITH HOOK

Runicode:

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

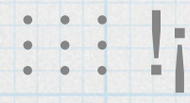


∂

PARTIAL DIFFERENTIAL

Runicode:

&#00A6;&#00A6;&#00A6;
&#0021;ߨ

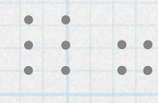


Ù

CAPITAL LETTER U WITH GRAVE

Runicode:

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



Ó

CAPITAL LETTER O WITH ACUTE

Runicode:

&#22EE;&#22EE;&#22EE;
ࢽ

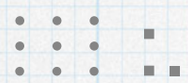
™

TRADE MARK SIGN

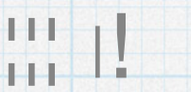
Runicode:

&#22EE;&#22EE;&#22EE;
&#0021;ߨ

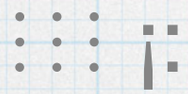
Handwritten Encoding NewMorse+ in dots and dashes



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



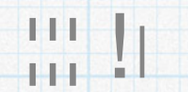
©
COPYRIGHT SIGN
Runicode:
&#00A6;&#00A6;&#00A6;
ࢯ&#0021;



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

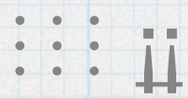
æ
SMALL LETTER AE
Runicode:
&#00A6;&#00A6;&#00A6;
&#00A1;&#00A1;

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



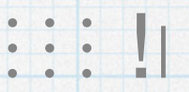
Δ
INCREMENT
Runicode:
&#00A6;&#00A6;&#00A6;
&#0021;ࢯ

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

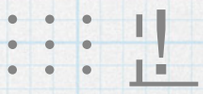


Æ
BIG LETTER AE
Runicode:
&#22EE;&#22EE;&#22EE;
<u>&#00A1;&#00A1;</u>

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



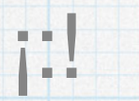
ˆ
MODIFIER LETTER CIRCUMFLEX ACCENT
Runicode:
&#22EE;&#22EE;&#22EE;
&#0021;ࢯ



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

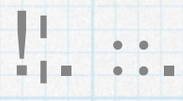


”

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

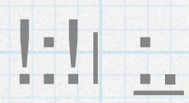
“

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



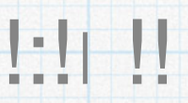
fi

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



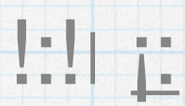
$

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



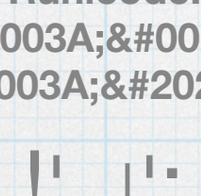
¢

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



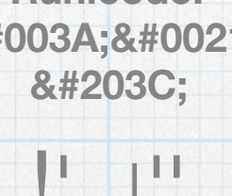
£

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



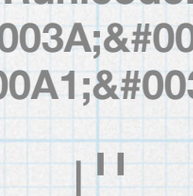
~

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



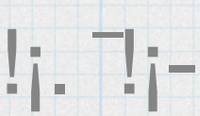
¯

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



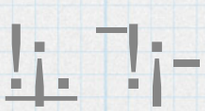
°

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



´

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



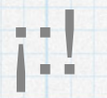
`

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

‚‘

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

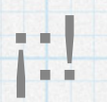
Handwritten Encoding NewMorse+ in dots and dashes



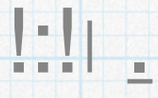
«
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
Runicode:
&#00A1;&#003A;&#0021;

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

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

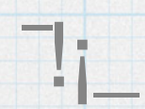


„
DOUBLE LOW-9 QUOTATION MARK
Runicode:
&#00A1;&#003A;&#0021;



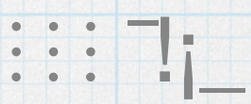
€
EURO CURRENCY
Runicode:
&#0021;&#003A;&#0021;
<u>ߨ</u>

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

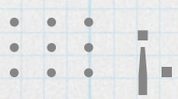


‚
SINGLE LOW-9 QUOTATION MARK
Runicode:
&#00AF;&#0021;&#00A1;&#005F;

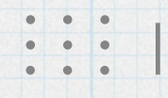
˘
BREVE
Runicode:
&#22EE;&#22EE;&#22EE;
&#203C;



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



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



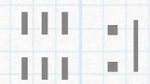
˝
DOUBLE ACUTE ACCENT
Runicode:
&#22EE;&#22EE;&#22EE;
ࢯ

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;

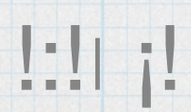
Û
CAPITAL LETTER U WITH CIRCUMFLEX
Runicode:
&#22EE;&#22EE;&#22EE;
&#003A;

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

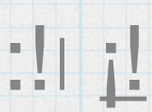
•
BULLET
Runicode:
&#00A6;&#00A6;&#00A6;
&#003A;ࢯ&#005F;

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

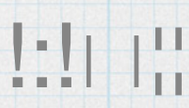
Ø
CAPITAL LETTER O WITH STROKE
Runicode:
&#22EE;&#22EE;&#22EE;
<u>&#00A6;ࢯ</u>



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



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

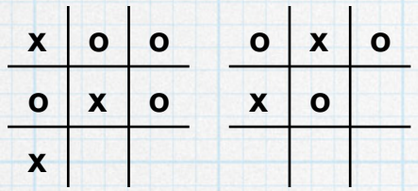


∅
EMPTY SET
Runicode:
&#0021;&#003A;&#0021;ࢯ
ࢯ&#00A6;&#00A6;

NewMorse++

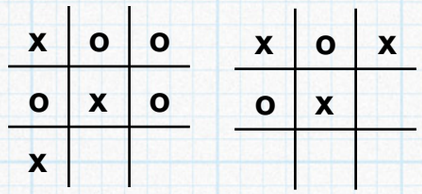
* is a binary transformation of NewMorse (v3) and NewMorse+
* a binary encoding displays DIT and DAH or DOTS and DASHES
* we group string into bits (8 bits = 1 byte), the eighth digit is called check bit
* word spacing is three binary 0 long instead of three DITS (traffic sign PAUSE)
* we are using preceded 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



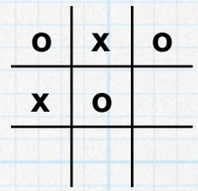
˅

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



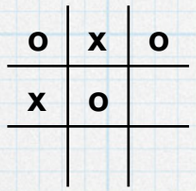
^

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



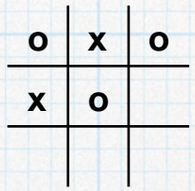
&

AMPERSAND-SAME-AS-PLUS
Binary key:
01010



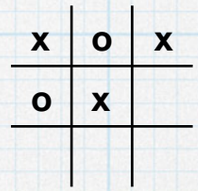
>

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



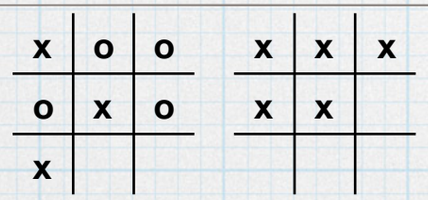
+

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



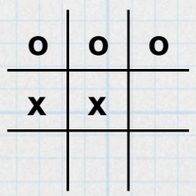
<

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

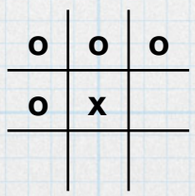


°

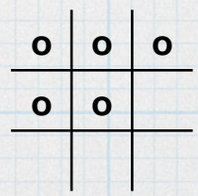
DEGREE-FROM-INVERTED-NUMERIC-0-TOT
Binary key:
1000101 11111



3 = 11
3-SM
Binary key:
00011

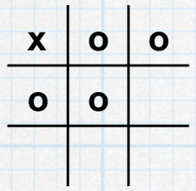


4 = 100
4-SET
Binary key:
00001

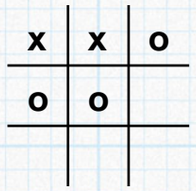


5 = 101
5-IS
Binary key:
00000

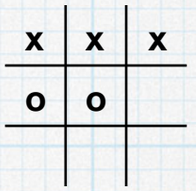
Binary Encoding NewMorse++ in bits



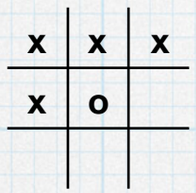
6 = 110
6-NIE
Binary key:
10000



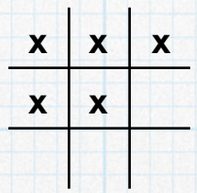
7 = 111
7-MIT
Binary key:
11000



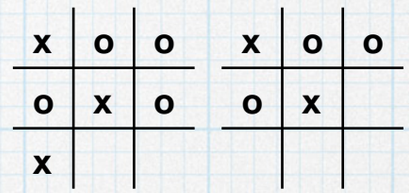
8 = 1000
8-TZ
Binary key:
11100



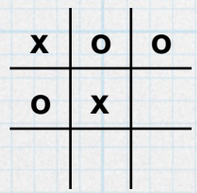
9 = 1001
9-ON
Binary key:
11110



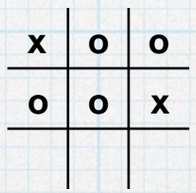
0 = 0
0-TOT
Binary key:
11111



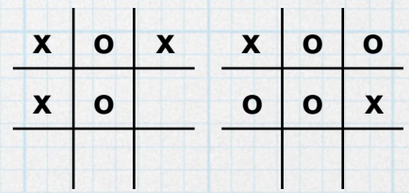
!
EXCLAMATION-MARK-INTERRUPT-BT-INVERTED
Binary key:
1000101 10001



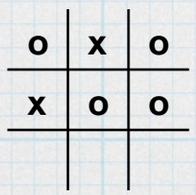
¡
INTERRUPT-BT
Binary key:
10001



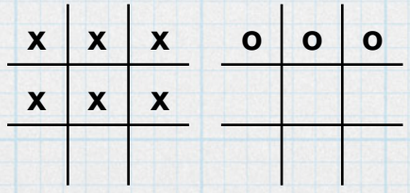
-
MINUS-NEGATION-THT
Binary key:
100001



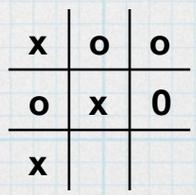
¬
MINUS-NEGATION-THT
Binary key:
10110 100001



§
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					

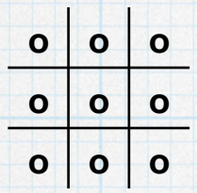
Ä
AE-UPPER-CASE
Binary key:
1000101 0101

x	x	x
x	x	x

a

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

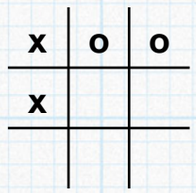
Binary Encoding NewMorse++ in bits



0

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

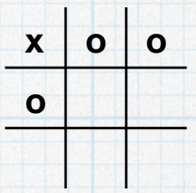
Binary key:
00000000 0



*

ASTERISK-FROM-X-LOWER-CASE

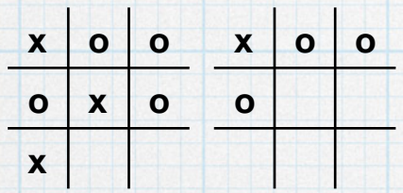
Binary key:
1001



b

B-LOWER-CASE

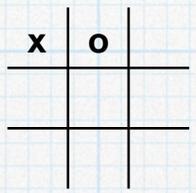
Binary key:
1000



B

B-UPPER-CASE

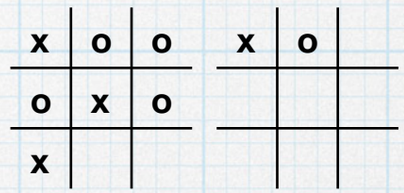
Binary key:
1000101 1000



n

N-LOWER-CASE

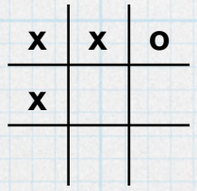
Binary key:
10



N

N-UPPER-CASE

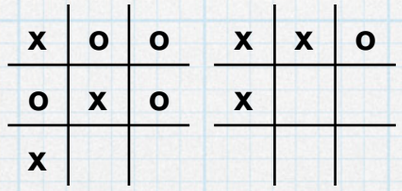
Binary key:
1000101 10



q

Q-LOWER-CASE

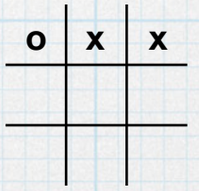
Binary key:
1101



Q

Q-UPPER-CASE

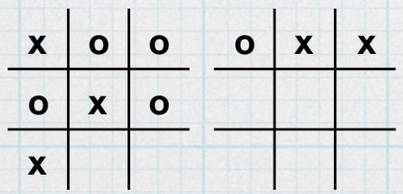
Binary key:
1000101 1101



w

W-LOWER-CASE

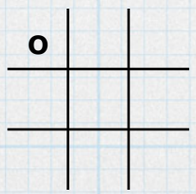
Binary key:
011



W

W-UPPER-CASE

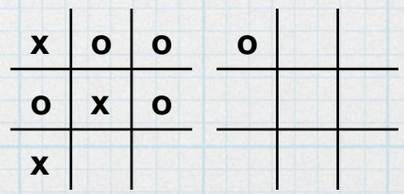
Binary key:
1000101 011



e

E-LOWER-CASE

Binary key:
0

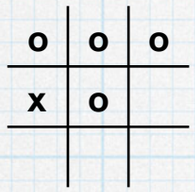


E

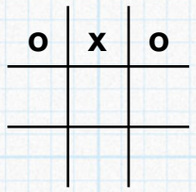
E-UPPER-CASE

Binary key:
1000101 0

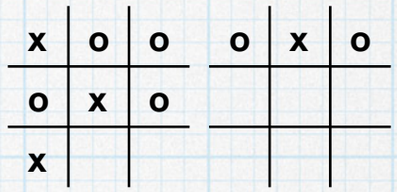
Binary Encoding NewMorse++ in bits



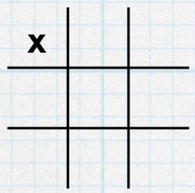
‰
PROMILLE-ROGER
Binary key:
00010



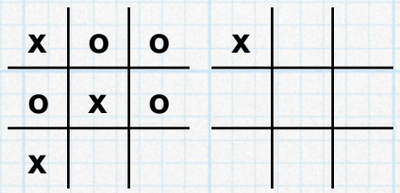
r
R-LOWER-CASE
Binary key:
010



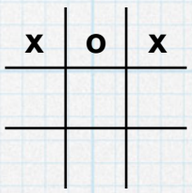
R
R-UPPER-CASE
Binary key:
1000101 010



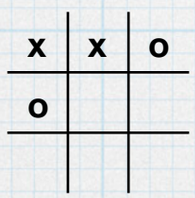
t
T-LOWER-CASE
Binary key:
1



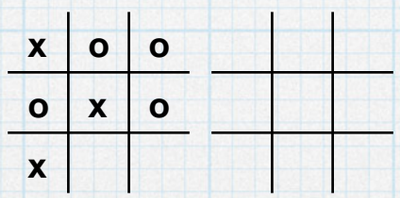
T
T-UPPER-CASE
Binary key:
1000101 1



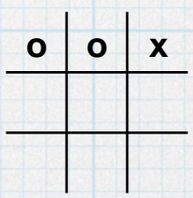
†
REQUEST-TO-SEND-K-DAGGER
Binary key:
101



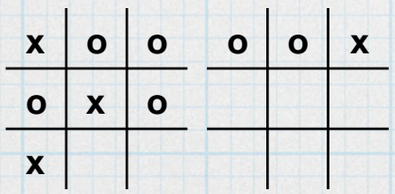
z
Z-LOWER-CASE
Binary key:
1100



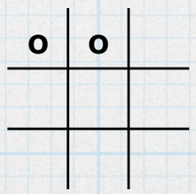
Z
Z-UPPER-CASE
Binary key:
1000101 1100



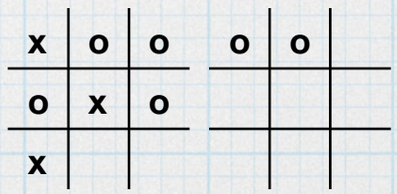
u
U-LOWER-CASE
Binary key:
001



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					

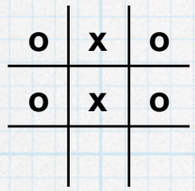
,‘

LEFT & RIGHT SINGLE QUOTATION MARK

Binary key:

1000101 011110

Binary Encoding NewMorse++ in bits

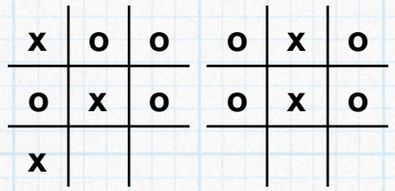


”

LEFT DOUBLE QUOTATION MARK

Binary key:

010010

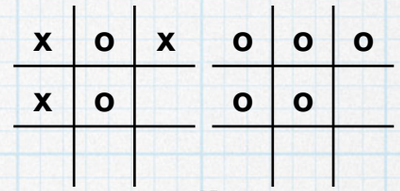


“

RIGHT DOUBLE QUOTATION MARK

Binary key:

1000101 <u>010010</u>

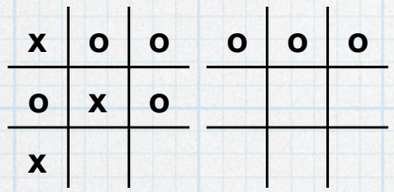


fi

SMALL LIGATURE FI

Binary key:

10110 00000

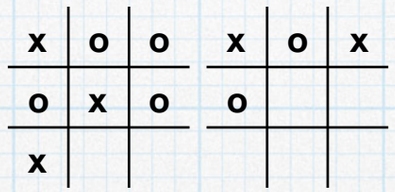


$

DOLLAR CURRENCY

Binary key:

1000101 000

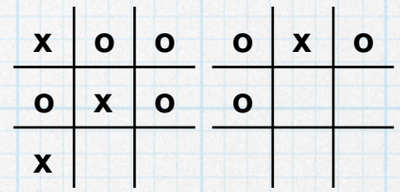


¢

CENT SIGN

Binary key:

1000101 1010

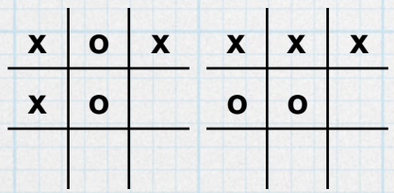


£

POUND CURRENCY

Binary key:

1000101 0100

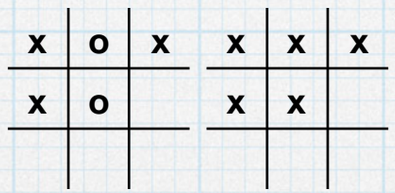


~

SMALL TILDE

Binary key:

10110 11100

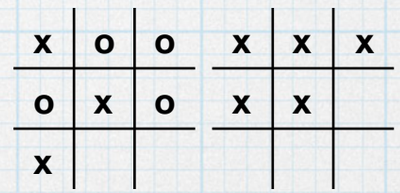


¯

MACRON

Binary key:

10110 11111

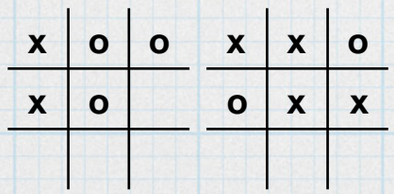


°

RING ABOVE

Binary key:

1000101 <u>11111</u>

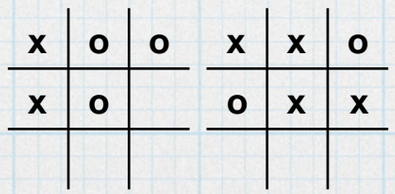


´

ACUTE ACCENT

Binary key:

10010 110011

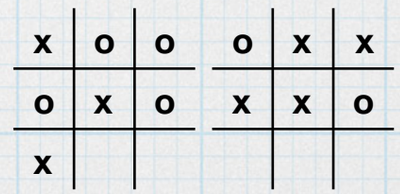


`

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

℮

Estimated Symbol
UNICODE: &#212E;

ℇ

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
square brackets
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

$10S_{(E)}$

10-S-Model BY JENS T. HINRICHS

SUPPLY CHAINS (split and shrink), ORGANIZATIONAL **SEGMENTATION** AND CHANGE (business units and assets, SWOT), **SYNERGIES** (opt-in/opt-out; Make or buy, USP, workflow), **SLACKS** (Project management and planning), INTERCULTURAL **SYSTEMS** (obstacles, environment, markets, fiscal), **SOCIAL BENEFITS** (Image, integrity, absolute economics, exploration), **SKILLS** (human capital, S.W.A.T., experiences, patents), **STAKEHOLDERS** (also public interests, Lobbyism and policies, investors, suffrages), **SHARE-ABILITY, 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 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)**

$°(L) \equiv$

level of media literacy (satisfaction)

UNICODE: P&#1F11B;ࣕ

$°(L) \approx\!\!\approx$

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 $f(x) => y$