**RYBE**

THE OFFICIAL REFERENCE

CONCEPT 1

FORMAT

Monospace font & Maximum of 96 characters per line (continuation on next line: Leave 8 spaces, start at the 9th space).

CONCEPT 2

VERSION

Sequel release version (SRV) (to Gold release version (GRV))

s1.1-[G1.1]

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s1.2-[G1.1]

Gold release version (GRV)

G1.1

====

CONCEPT 3

INFORMATION CREATION TECHNIQUE

GROTESC TECHNIQUE

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Element

=======

Frank:X

Grust:Y

Stream

======

XYXX>X

CONVENIENCE TECHNIQUES

UNICODE TECHNIQUE

=================

Elements

========

Unicode Character

Sequence

========

!uncd:Hello world!

CARDINE TECHNIQUE

=================

Elements

========

0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Sequence

========

!crdn:254145748544

CONCEPT 4

COMPUTER FUNDAMENTAL CAPABILITIES

SECTION 4.1

COMPUTER INFORMATION CREATION

crte infm [@InfoXXYZ] || XxxxxxxxxxxxxxxxxxxxxxxxxxX

|| @

|| System X

|| A || a || 0 || . || / || - || [ || ] || : || spce

|| First char: uppercase English alphabet

|| Max 48 characters

@InfoXXYZ.SIZE: gett

|| Yeld 1: Size (0:X - i:?)

~LAST: name [~InstXXYZ]

~InstXXYZ|&SYLD|!1

~InstXXYZ|&SYLD.CRDN: gett

|| Yeld 1: Cardinality (0:X - i:?)

~InstXXYZ|&SYLD|!\_@InfoXXYZ\_ || 1:X, 2:Y, 3:XX, 4:XY

|| Language-created elements

|| Programmer-created elements

@InfoXXYZ: grow [pstion(\*/pstion), stream(\*/stream)]

|| Stream

|| The concept of Seed.

|| Pstion: L1:XX>X, R1:XY>X, NN(NextPosition):YY-Y

|| Stream: YXXY, @Info>[L1 - R1], (@InfoX>[L1 - R1])

CODE REAPPLICATION

CREATION

========

-1^^^^1-

GRUPPPPP

$24sf9c+NameName

-1----1-

..CLLC..

..SNPP..

-1\*\*\*\*1-

-1^^^^1-

CLLCCLLC

\_9bv67v+NameName

-1----1-

-2^^^^2-

BNDDDDDD

\*NmeName

-2----2-

........

-2\*\*\*\*2-

-2^^^^2-

FREEEEEE

\*NmeName

-2----2-

#SSED|!2733

#SSED|!2733.TYPE: gett

@SBJC

@SBJC: type

+Info: yeld

`THIS: stop

-2\*\*\*\*2-

-1\*\*\*\*1-

========

-1^^^^1-

SNPPPPPP

\*htv673+NameName

-1----1-

........

-1\*\*\*\*1-

USAGE

$24sf9c+NameName|\*NmeName: exct [...]

\_9bv67v+NameName|\*NmeName: exct [...]

@InfoXXYZ: prcs [\*NmeName, ...]

|| Yeld 1: Success

|| Yeld 2! Failure:Reason

|| || Error-[.Cause:Grammar]: XX: Line 12: xxxx

|| || Error-[.Cause:Memory/Exhaustion: XY: Line 34: xxxx

SECTION 4.2

COMPUTER INFORMATION CHANGING

@InfoXXYZ: bite [TargetStream:FirstElement:Position,

|| Elements:Cardinality]

|| Pstion: L1:XX>X, R1:XY>X

|| Elements:Cardinality: 1:X, 2:Y, 3:XX

|| @InfoXYZ>[L1 - R1], (@InfoXYZ>[L1 - R1])

SECTION 4.3

INFORMATION PRESERVATION

COMPUTER-STORAGE COMMUNICATION

CMST

SECTION 4.4

INFORMATION EXCHANGE

COMPUTER-ATTACHMENT COMMUNICATION

={CMPT ++ ATTC}|%XXXX.CPCT: gett

|| Yeld 1: Capacity

|| || 0:X, 1:Y, 2:XX, 3:XY, 4:YX

={CMPT ++ ATTC}|%XXXX: expn [...amount...]

|| Yeld 1: Success

|| || Failed:X, Succeeded:Y

={CMPT ++ ATTC}|%XXXX: fill [...stream...]

|| Yeld 1: Stream-[.Type:Putted].Length

|| || 0:X, 1:Y, 2:XX, 3:XY, 4:YX

={CMPT ++ ATTC}|%XXXX.OCCP: gett

|| Yeld 1: Occupancy

={CMPT ++ ATTC}|%XXXX: cntr [...amount...]

={CMPT ++ ATTC}|%YYYY.CPCT: gett

|| Yeld 1: Capacity

={CMPT ++ ATTC}|%YYYY.OCCP: gett

|| Yeld 1: Occupancy

={CMPT ++ ATTC}|%YYYY: read

|| Yeld 1: Stream

CONCEPT 5

INSTRUCTION CREATION COMPLETIION (& REPETIION)

CONDITIONAL (0/1)

ecnd (@InfoXXYZ>[L1 - R1] == @InfoXXYZ>[L1 - R1])| instruction x

==== Unless data is typed

==== &, |, and ()

ecnd (@InfoXXYZ>[L1 - R1] != @InfoXXYZ>[L1 - R1])| @

!2^^

instruction w

instruction x

instruction y

instruction z

!2\*\*

|| Divisioning (Creating divisions)

|| 2nd Degree Division

|| Introductory boundary

|| Terminal boundary

FATED (1)

eftd| instruction x

SELECTIONAL (1/1)

eslc| @

!2^^

eopt (@InfoXXYZ>[L1 - R1] != @InfoXXYZ>[L1 - R1])| @

!3^^

instruction w

instruction x

instruction y

instruction z

!3\*\*

eopt (@InfoXXYZ>[L1 - R1] != @InfoXXYZ>[L1 - R1])| @

!3^^

instruction w

instruction x

instruction y

instruction z

!3\*\*

!2\*\*

REPETITION

eftd| @

!2^^

instruction w xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

instruction x xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

!THIS: rpat || Division This

@InfoXXYZ.EXST: gett

|| Seed 1: Existence

@InfoXXYZ: dstr

^LAST/{\*}: dstr

|| Iteration:Last

|| Not applicable to premier (1st) repetition

!2\*\*

@InfoXXYZ.EXST: gett

CONCEPT 6

HARDWARE-SOFTWARE COMMUNICATION

HRSF

CONCEPT 7

HUMAN-COMPUTER COMMUNICATION

HMCM

**CONCEPT 8**

**COMMENT**

eftd| instruction x

eftd| instruction y

eftd| instruction z

|| This is a comment; it can be continued on a new line, with indentation

CONCEPT 9

INSTRUCTION SET GROUPING

CONCEPT 10

MULTITHREADING

Thread-[.Type:Giving]

Thread-[.Type:Giving .OType:Prmier]

Thread-[.Type:Taking]

Thread-[.Type:Giving .OType:Taking]

s1.1:[G1.1]

===========

+ThrdXXYYZZ

===========

This is some description. This is some description. This is some description.

This is some description. This is some description. This is some description.

This is some description. This is some description. This is some description.

===========

===== CRATION =====

>ThrdGrp1|>ThrdGrp2|+ThrdXXYZZ: clne [+\_@InfoXXYZ\_]

>ThrdXXYZ: clne [+\_@InfoX\_]

+\_@InfoX\_: clne [+\_@InfoX\_]

|| Yeld 1: Success

===== MEMORYY =====

+ThrdXXYZ|\_MMRY: expn [...amount...]

|| Yeld 1: Success

+ThrdXXYZ|\_MMRY.CPCT: gett

|| Yeld 1: Capacity

+ThrdXXYZ|\_MMRY.USED: gett

|| Yeld 1: Capacity

+ThrdXXYZ|\_MMRY: cntr [...amount...]

===== PRVLGES =====

+ThrdXXYZ: hnur [...prvlge...]

|| Seed 1: Privilege

|| || Information/Preservation: XX

|| || Information/Exchange: XY

|| || Communication-[.Type:{Hardware ++ Software}: YX

|| || Communication-[.Type:{Human ++ Computer}: YY

+ThrdXXYZ|?PRVL: gett

|| Yeld 1: Privileged

|| || NotPrivileged:X, Privileged:Y

|| Yeld 2! Privilege

+ThrdXXYZ: strp [...prvlge...]

===== EXCTION =====

+ThrdXXYZ: exct [...period...]

|| Seed 1: Periodd (Planck)

|| || 1:Y, 2:XX, 3:XY, 4:YX, 5:YY, .., Endlessly:X

|| || 1:1, 1:2, 1:4, 1:8, 1:16, 1:32, 1:64, 1:128

|| Yeld 1: Success

|| Yeld 2! Failure:Reason

|| || Error-[.Cause:Grammar]: XX: Line 12: xxxx

|| || Error-[.Cause:Memory/Exhaustion: XY: Line 34: xxxx

===== CMMNCTN =====

+ThrdXXYZ|%XXXX: expn [...amount...]

|| Yeld 1: Success

+ThrdXXYZ|%XXXX.CPCT: gett

|| Yeld 1: Capacity

+ThrdXXYZ|%XXXX: fill [...stream...]

|| Yeld 1: Stream-[.Type:Putted].Length

|| || 0:X, 1:Y, 2:XX, 3:XY, 4:YX

+ThrdXXYZ|%XXXX.OCCP: gett

|| Yeld 1: Occupancy

+ThrdXXYZ|%XXXX: cntr [...amount...]

+ThrdXXYZ|%YYYY.CPCT: gett

|| Yeld 1: Capacity

+ThrdXXYZ|%YYYY.OCCP: gett

|| Yeld 1: Occupancy

+ThrdXXYZ|%YYYY: read

|| Yeld 1: Stream

===== FGRTION =====

+ThrdXXYZ: fgrt

|| Yeld 1: Success

|| Yeld 2! Figure

===== CRATION =====

crte thrd [+ThrdXXYZ, @InfoXY]

===== TRNSFER =====

+ThrdXXYZ: trns [$ThrdXY]

+ThrdXXYZ.OWNR: gett

|| Yeld 1: Ownership

-2^^^^2-

xxxxxxxx

xxxxxxxx

xxxxxxxx

xxxxxxxx

-3^^^^3-

xxxxxxxx

xxxxxxxx

-3\*\*\*\*3-

-2\*\*\*\*2-

-2^^^^2-

xxxxxxxx

xxxxxxxx

xxxxxxxx

xxxxxxxx

-2\*\*\*\*2-

-2^^^^2-

xxxxxxxx

xxxxxxxx

xxxxxxxx

xxxxxxxx

-2\*\*\*\*2-

===== MEMORYY =====

+ThrdXXYZ|\_MMRY.CPCT: gett

|| Yeld 1: Capacity

+ThrdXXYZ|\_MMRY.USED: gett

|| Yeld 1: Capacity

===== PRVLGES =====

+ThrdXXYZ|?PRVL: gett

|| Yeld 1: Privileged

|| || NotPrivileged:X, Privileged:Y

|| Yeld 2! Privilege

===== CMMNCTN =====

+ThrdXXYZ|%XXXX.CPCT: gett

|| Yeld 1: Capacity

+ThrdXXYZ|%XXXX.OCCP: gett

|| Yeld 1: Occupncy

+ThrdXXYZ|%XXXX: read

|| Yeld 1: Stream

+ThrdXXYZ|%YYYY: expn [...amount...]

|| Yeld 1: Success

+ThrdXXYZ|%YYYY.CPCT: gett

|| Yeld 1: Capacity

+ThrdXXYZ|%YYYY: cntr [...amount...]

+ThrdXXYZ|%YYYY: fill [...stream...]

|| Yeld 1: Stream-[.Type:Putted].Length

|| || 0:X, 1:Y, 2:XX, 3:XY, 4:YX

+ThrdXXYZ|%YYYY.OCCP: gett

|| Yeld 1: Occupncy

===== TRNSFER =====

+ThrdXXYZ: trns [$CRTR]