**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]

===========

s1.2-[G1.1]

Gold release version (GRV)

G1.1

====

CONCEPT 3

INFORMATION CREATION TECHNIQUE

GROTESC TECHNIQUE

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

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:25414574854

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

-^^^^2^^^^-

s1.1-[G1.1]

----2:B----

----GRP----

$NameNameNm

This is a description.

----2:C----

....GRP....

....CLL....

....SFr....

-====2====-

-^^^^2^^^^-

s1.1-[G1.1]

----2:B----

----CLL----

\_NameNameNm

This is a description.

----2:C----

-^^^^3^^^^-

s1.1-[G1.1]

----3:B----

----SBT----

\*NameNameNm

This is a description.

----3:C----

...codee...

-====3====-

-====2====-

USAGE

$NmeName|\_NmeName|\*NmeName: exct [...]

\_NmeName|\*NmeName: exct [...]

$NmeName|\_NmeName|\*NmeName: prge

$NmeName|\_NmeName: prge

$NmeName: prge

SECTION 4.2

COMPUTER INFORMATION MODIFICATION

@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])

CODE REAPPLICATION

MODIFICATION

-^^^^2^^^^-

s1.1-[G1.1]

----2:B----

----CLL----

\_NameNameNm

This is a description.

----2:C----

<><><-><><>

-^^^^3^^^^-

s1.1-[G1.1]

----3:B----

----SBI----

\*NameNameNm

This is a description.

----3:C----

#SSED|!2733

#SSED|!2733.TYPE: gett

@SBJC

+Info: yeld

`THIS: sspn

-====3====-

-^^^^3^^^^-

s1.1-[G1.1]

----3:B----

----SBI----

\*NameNameN2

This is a description.

----3:C----

...codee...

-====3====-

-====2====-

USAGE

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

|| Yeld 1: Success

|| Yeld 2! Failure Reason || Return Reason

|| || TYPE 1

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

|| || Error-[.Cause:MemoryExhaustion]: XY: Line 34

|| ||

|| || TYPE 2

|| || Suspended:X, Completed:Y

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

-^^1^^-

This is a description.

This is a description.

This is a description.

---1---

..cde..

---1---

+InfoXYZ, +InfoXY2, +InfoXY3

+InfoXY4, +InfoXY5

-==1==-

CONCEPT 10

MULTITHREADING

Thread-[.Type:Prmier]

Thread-[.Type:Taking]

Thread-[.Type:Taking .Type2:Giving]

Thread-[.Type:Taking]

Capsule-[.Type:L1]

|| 1st level capsule

Capsule-[.Type:L2]

-^^^^1^^^^-

s1.1-[G1.1]

----1:B----

----THR----

+PremierXYZ

This is some description. This is some description.

This is some description. This is some description.

This is some description. This is some description.

----1:C----

...codee...

----1:D----

...rpsle...

|| Rupsule!

...rpsle...

...rpsle...

...rpsle...

----1:E----

...tpsle...

...tpsle...

...tplse...

...tpsle...

-====1====-

Premier and Giving Thread

===== 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)

|| || 1:0, 1:1, 1:2, 1:4, 1:8, 1:16, ...., Endlessly:0:0

|| Yeld 1: Success

|| Yeld 2! Failure:Reason

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

|| || Error-[.Cause:MemoryExhaustion]: XY: Line 34

===== 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

===== PURGEEE =====

>ThrdGrp1|>ThrdGrp2|+ThrdXXYZZ: prge

>ThrdGrp1|>ThrdGrp2: prge

+ThrdXXYZZ: prge

Taking Thread

-^^^^2^^^^-

s1.1-[G1.1]

----2:B----

----GRP----

>NameNameNm

This is some description. This is some description.

This is some description. This is some description.

This is some description. This is some description.

----2:C----

...tpsle...

-=========-

===== MEMORYY =====

+THIS/\_MMRY.CPCT: gett

|| Yeld 1: Capacity

+THIS/\_MMRY.USED: gett

|| Yeld 1: Capacity

===== PRVLGES =====

+THIS/?PRVL: gett

|| Yeld 1: Privileged

|| || NotPrivileged:X, Privileged:Y

|| Yeld 2! Privilege

===== CMMNCTN =====

+THIS/%XXXX.CPCT: gett

|| Yeld 1: Capacity

+THIS/%XXXX.OCCP: gett

|| Yeld 1: Occupncy

+THIS/%XXXX: read

|| Yeld 1: Stream

+THIS/%YYYY: expn [...amount...]

|| Yeld 1: Success

+THIS/%YYYY.CPCT: gett

|| Yeld 1: Capacity

+THIS/%YYYY: cntr [...amount...]

+THIS/%YYYY: fill [...stream...]

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

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

+THIS/%YYYY.OCCP: gett

|| Yeld 1: Occupncy

===== TRNSFER =====

+ThrdXXYZ: trns [$GVNG]

CODE REAPPLICATION

Free Snippet

-^^^^2^^^^-

s1.1-[G1.1]

----2:B----

----SFr----

\*NameNameNm

This is a description.

----2:C----

...codee...

-====2====-

USAGE

\*NmeName: exct [...]

\*NmeName: prge