**RYBE**

THE OFFICIAL REFERENCE

CONCEPT 1

SET 1 FORMATTING PRINCIPLES

1:Monospace font

2: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]

===========

s1.3-[G1.1]

Gold release version (GRV)

G1.1

====

CONCEPT 3

SUPPORTED FIGURATION TECHNIQUE

GROTESC TECHNIQUE

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

Element

=======

Frank:X

Grust:Y

Stream

======

XYXX-X

SUPERFACIALLY SUPPORTED 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 FUNCTIONALITIES

SECTION 4.1

INFORMATION CREATION

crte Infm [InfoXXYZ] || XXXXXXXXXXXXXXXXXXXXXXXXXXXX

|| `

|| System X

|| First char: uppercase English alphabet [A - Z]

|| 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: YXXYXXXYY, `Info<[L1|R1], (`Info<[L1|R1])

CODE REAPPLICATION

COLPENN, COLTIPP, and SNIPPET

CREATION

||^^^^2^^^^||

||---2:A---||

-s1.1-[G1.1]-

||---2:B---||

---CLP---

>NameNameName

This is a description.

||---2:C---||

---CLP---

---CLT---

---S.F---

||====2====||

||^^^^2^^^^||

||---2:A---||

-s1.1-[G1.1]-

||---2:B---||

---CLT---

\_NameNameName

This is a description.

||---2:C---||

||^^^^3^^^^||

||---3:A---||

-s1.1-[G1.1]-

||---3:B---||

---S.T---

\*NameNameName

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

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^^^^||

||---2:A---||

-s1.1-[G1.1]-

||---2:B---||

---CLT---

\_NameNameName

This is a description.

||---2:C---||

<><><><-><><>

||^^^^3^^^^||

||---3:A---||

-s1.1-[G1.1]-

||---3:B---||

---S.I---

\*NameNameName

This is a description.

||---3:C---||

#SSED/!2733

#SSED/!2733.TYPE: gett

`SBJC

`Info: yeld

\*NameNameNm: sspn

||====3====||

||^^^^3^^^^||

||---3:A---||

-s1.1-[G1.1]-

||---3:B---||

---S.I---

\*NameNameNme2

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

SOFTWARE-STORAGE COMMUNICATION

=|SFTW .. STRG|/%XXXX.CPCT: gett

|| Yeld 1: Capacity

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

=|SFTW .. STRG|/%XXXX: expn [...amount...]

|| Yeld 1: Success

|| || Failed:X, Succeeded:Y

=|SFTW .. STRG|/%XXXX: fill [...stream...]

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

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

=|SFTW .. STRG|/%XXXX.OCCP: gett

|| Yeld 1: Occupancy

=|SFTW .. STRG|/%XXXX: cntr [...amount...]

=|SFTW .. STRG|/%YYYY.CPCT: gett

|| Yeld 1: Capacity

=|SFTW .. STRG|/%YYYY.OCCP: gett

|| Yeld 1: Occupancy

=|SFTW .. STRG|/%YYYY: read

|| Yeld 1: Stream

SECTION 4.4

INFORMATION EXCHANGE

COMPUTER-ATTACHMENT COMMUNICATION

=|CMPT .. ATTC|

CONCEPT 5

INSTRUCTION CREATION COMMAND COMPLETION:(& 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]]| !!

1^^1

instruction w

instruction x

instruction y

instruction z

1==1

|| STAM at L1

|| Introductory boundary

|| Terminal boundary

FATED (1)

eftd| instruction x

SELECTIONAL (1/1)

eslc| !!

1^^1

eopt [`InfoXXYZ<[L1|R1] != `InfoXXYZ<[L1|R1]]| !!

2^^2

instruction w

instruction x

instruction y

instruction z

2==2

eopt [`InfoXXYZ<[L1|R1] != `InfoXXYZ<[L1|R1]]| !!

2^^2

instruction w

instruction x

instruction y

instruction z

2==2

1==1

REPETITION

eftd| !!

1^^1

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

1==1

`InfoXXYZ.EXST: gett

CONCEPT 6

HARDWARE-SOFTWARE COMMUNICATION

=|HRDW .. SFTW|

CONCEPT 7

HUMAN-COMPUTER COMMUNICATION

=|HMAN .. CMPT|

**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

STEP

A^^A

This is a description.

This is a description.

This is a description.

A--A

code!

A--A

+InfoXYZ, +InfoXY2, +InfoXY3

+InfoXY4, +InfoXY5

A==A

CONCEPT 10

THREAD & COLLETT

Thread-[.Type:Prmier]

Thread-[.Type:Giving]

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

Thread-[.Type:Taking]

Capsule-[.Type:L1]

|| Capsule at L1

Capsule-[.Type:L2]

||^^^^1^^^^||

||---1:A---||

-s1.1-[G1.1]-

||---1:B---||

---THR---

+Premier12345

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 =====

@Collett1|@Collett2|+ThrdXXYZZ: clne [ThrdXY]

@Collett1|@Collett2|+ThrdXXYZZ: clne [`InfoZ]

+ThrdXXYZ: clne [`InfoX]

+:`InfoXY: 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 [`InfoXY, ThrdXY]

===== TRNSFER =====

+ThrdXXYZ: trns [+ThrdXY]

+ThrdXXYZ.OWNR: gett

|| Yeld 1: Ownership

===== PURGEEE =====

@Collett1|@Collett2|+ThrdXXYZZ: prge

@Collett1|@Collett2: prge

+ThrdXXYZZ: prge

Taking Thread

||^^^^2^^^^||

||---2:A---||

-s1.1-[G1.1]-

||---2:B---||

---CLL---

@NameNameName

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 =====

+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 [$GVNG]

CODE REAPPLICATION

Free Snippet

||^^^^2^^^^||

||---2:A---||

-s1.1-[G1.1]-

||---2:B---||

---S.F---

\*NameNameName

This is a description.

||---2:C---||

....codee....

||====2====||

USAGE

\*NmeName: exct [...]

\*NmeName: prge