**RYBEON**

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

fgrtRATION TECHNIQUE FEATURED

GROTESC TECHNIQUE

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

Element

=======

Frank:o

Grust:x

Stream\_

=======

ooxo-xx

TECHNIQUES FEATURED SUPERFACIALLY

UNICODE TECHNIQUE

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

Elements

========

Unicode Character

Sequence

========

!yncd:Hello world

CARDINA TECHNIQUE

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

Elements

========

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

Sequence

========

!kadi:25414574854

CONCEPT 4

COMPUTER FUNCTIONALITIES

SECTION 4.1

INFORMATION CREATION

crte Infr [\_InfoXXYZ] || oxxoxoxoxoxooxoxoxoxoxoxooo

|| \_

|| System X

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

|| Max 48 characters

\_InfoXXYZ.SIZE: ftch || ............................

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

~LAST: name [\_InstXXXXXXYZ]

~InstXXYZ/&SYLD/!1

~InstXXYZ/&SYLD.CRDN: ftch

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

~InstXXYZ/&SYLD/!:\_InfoXXYZ || 1:o, 2:x, 3:oo, 4:ox

|| Language-created elements

|| Programmer-created elements

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

|| Stream

|| The concept of Seed.

|| Pstion: L1:oo-o, R1:ox-o, !!(NextPosition):xx-x

|| Stream: oxoxxoxox, \_Info-[L1|R1], (\_Info-[L1|R1])

CODE REAPPLICATION: COLPENN, COLTIPP, and SNIPPET

Creation

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

||----A----||

-s1.12-[G1.1]

||----B----||

-----CLP-----

-----$NameNameName

-----This is a description.

||----C----||

-----CLP-----

-----CLT-----

-----S.F-----

|| $x91345678-DescriptiveName

|| Top-level ruples only

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

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

||----A----||

-s1.1-[G1.1]-

||----B----||

-----CLT-----

----->NameNameName

-----This is a description.

||----C----||

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

||----A----||

-s1.1-[G1.1]-

||----B----||

-----S.T-----

-----!NameNameName

-----This is a description.

||----C----||

$NameNameNm: scan

|| Yeld 1: Privilegty

|| || NotPrivileged:o, Privileged:x

$NameNameNm/?SPRV: ftch

|| Yeld 1! Privileges

$NameNameNm/:SSED.CRDN: ftch

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

$NameNameNm/:SSED/!273

$NameNameNm/:SSED/!273.TYPX: ftch

|| Yeld 1

|| || Free:o, Typed:x

$NameNameNm/:SSED/!273.TYPY: ftch

|| Yeld 1

$NameNameNm/:SSED/!273: rnme [\_In]

\_InfoXY: yeld

!NameNameNm: sspn

!NameNameNm: endd

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

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

Usage

$NmeName|>NmeName|!NmeName: runn [...]

>NmeName|!NmeName: runn [...]

|| Yeld 1: Success

|| Yeld 2: Failure Reason || Return Reason

|| || TYPE 1

|| || Error-[.Cause:Grammar]: oo: Line 12: ...

|| || Error-[.Cause:Overstepping]: ox: Line 11: ...

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

|| ||

|| || TYPE 2

|| || Suspended:o, Completed:x

>NmeName|!NmeName: hnur [...]

|| Seed 1

|| || +THIS/\_MMRY.CPCT: oooo-oooo

|| || +THIS/\_MMRY.CVRG: oooo-ooox

|| || +THIS:scan------: ooox-oooo

|| || +THIS/?SPRV:ftch: ooox-ooox

|| || +THIS/%MEAL.CPCT: ooxo-oooo

|| || +THIS/%MEAL.OCPN: ooxo-ooox

|| || +THIS/%MEAL:read: ooxo-ooxo

|| || +THIS/%TEAL:expn: ooxx-oooo

|| || +THIS/%TEAL:fill: ooxx-ooox

|| || +THIS/%TEAL.OCPN: ooxx-ooxo

|| || +THIS/%TEAL.CPCT: ooxx-ooxx

|| || +THIS/%TEAL:cntr: ooxx-oxoo

|| || +THIS:endd------: oxoo-oooo

|| || +THIS:sspn------: oxoo-ooox

|| || ---------------------------

|| || -/oo------------: xooo-oooo

|| || -/ox------------: xoox-oooo

|| || -/xo------------: xoxo-oooo

|| || -/xx------------: xoxx-oooo

>NmeName|!NmeName: strp [...]

$NmeName|>NmeName|!NmeName: prge

$NmeName|>NmeName: prge

$NmeName: prge

SECTION 4.2

INFORMATION CHANGING

\_InfoXXYZ: bite [TargetStream:FirstElement:Position,

|| Elements:Cardinality]

|| Pstion: L1:oo>o, R1:ox>o

|| Elements:Cardinality: 1:o, 2:x, 3:oo

|| \_InfoXYZ-[L1|R1], (\_InfoXYZ-[L1|R1])

CODE REAPPLICATION

MODIFICATION

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

||----A----||

-s1.1-[G1.1]-

||----B----||

-----CLT-----

----->NameNameName

-----This is a description.

||----C----||

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

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

||----A----||

-s1.1-[G1.1]-

||----B----||

-----S.I-----

-----`NameNameName

-----This is a description.

||----C----||

\_SBJC

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

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

||----A----||

-s1.1-[G1.1]-

||----B----||

-----S.I-----

-----`NameNameNme2

-----This is a description.

||----C----||

....codee....

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

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

Usage

\_InfoXXYZ: pros [`NmeName, ..]

SECTION 4.3

INFORMATION PRESERVATION

SOFTWARE-STORAGE COMMUNICATION

=|SFTW .. STRG|/%MEAL.CPCT: ftch

|| Yeld 1: Capacity

|| || 0:o, 1:x, 2:oo, 3:ox, 4:xo

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

|| Yeld 1: Success

|| || Failed:o, Succeeded:x

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

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

|| || 0:o, 1:x, 2:oo, 3:ox, 4:xo

=|SFTW .. STRG|/%MEAL.OCPN: ftch

|| Yeld 1: Occupancy

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

=|SFTW .. STRG|/%TEAL.CPCT: ftch

|| Yeld 1: Capacity

=|SFTW .. STRG|/%TEAL.OCPN: ftch

|| Yeld 1: Occupancy

=|SFTW .. STRG|/%TEAL: 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

qery Exst [\_InfoXXYZ]

|| Seed 1: Existence

\_InfoXXYZ: dstr

.LAST/\_|\*\* ++|: dstr

|| Iteration:Last

|| Not applicable to premier (1st) repetition

1==1

qery Exst [\_InfoXXYZ]

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

SOFTWARE STRUCTURE

Thread-[.Type:Prmier]

Thread-[.Type:Giving]

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

Thread-[.Type:Taking]

Capsule-[.Type:L1]

|| Capsule at L1

Capsule-[.Type:L2]

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

||----A----||

-s1.1-[G1.1]-

||----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.

||----C----||

....codee....

||----D----||

....rpsle....

|| Rupsule!

....rpsle....

....rpsle....

....rpsle....

||----E----||

....tpsle....

|| $x91345678-DescriptiveName

|| Top-level tuples only

....tpsle....

....tplse....

....tpsle....

||====1====||

GIVING THREAD

+ThrdXXYZ/\_MMRY.CPCT: ftch

|| Yeld 1: Capacity

+ThrdXXYZ/\_MMRY.CVRG: ftch

|| Yeld 1: Coverage

=

+ThrdXXYZ: scan

|| Yeld 1: Privilegty

|| || NotPrivileged:o, Privileged:x

+ThrdXXYZ/?SPRV: ftch

|| Yeld 1: Privileges

=

+ThrdXXYZ/%MEAL.CPCT: ftch

|| Yeld 1: Capacity

+ThrdXXYZ/%MEAL.OCPN: ftch

|| Yeld 1: Occupncy

+ThrdXXYZ/%MEAL: read

|| Yeld 1: Stream\_

+ThrdXXYZ/%TEAL: expn [...amount...]

|| Yeld 1: Success

+ThrdXXYZ/%TEAL: fill [...stream...]

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

|| || 0:o, 1:x, 2:oo, 3:ox, 4:xo

+ThrdXXYZ/%TEAL.OCPN: ftch

|| Yeld 1: Occupncy

+ThrdXXYZ/%TEAL.CPCT: ftch

|| Yeld 1: Capacity

+ThrdXXYZ/%TEAL: cntr [...amount...]

|| Contract

=

+ThrdXXYZ: sspn

+ThrdXXYZ: endd

TAKING THREAD

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

||----A----||

-s1.1-[G1.1]-

||----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.

||----C----||

....tpsle....

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

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

@Collett1|@Collett2|+ThrdXXYZZ: clne [+:\_InfoXY]

+ThrdXXYZ: clne [+:\_InfoX]

+:\_InfoXY: clne [+:\_InfoX]

|| Yeld 1: Success

+ThrdXXYZ: seek

|| Yeld 1: Thread’s name

=

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

|| Yeld 1: Success

+ThrdXXYZ/\_MMRY.CPCT: ftch

|| Yeld 1: Capacity

+ThrdXXYZ/\_MMRY.CVRG: ftch

|| Yeld 1: Coverage

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

=

+ThrdXXYZ: hnur [...SPRVge...]

|| Seed 1: Privilege

|| || Information/Preservation: oo

|| || Information/Exchange: ox

|| || Communication-[.Type:!Hardware ++ Software!]: xo

|| || Communication-[.Type:!Human ++ Computer!]: xx

+ThrdXXYZ: scan

|| Yeld 1: Privilegty

|| || NotPrivileged:o, Privileged:x

+ThrdXXYZ/?SPRV: ftch

|| Yeld 1: Privileges

+ThrdXXYZ: strp [...PREVge...]

|| Strip

=

+ThrdXXYZ: runn [...period...]

|| Seed 1: Period (Planck)

|| || x, oo, ox, xo, xx, ooo, oox, oxo, oxx, Endlessly:o

|| || Arpavine: !arpa:1:0, !arpa:112303435:43, !arpa:0:0

|| Yeld 1: Success

|| Yeld 2: Failure Reason || Return Reason

|| || TYPE 1

|| || Error-[.Cause:Grammar]: oo: Line 12: ...

|| || Error-[.Cause:Overstepping]: ox: Line 11: ...

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

|| ||

|| || TYPE 2

|| || Suspended:o, Completed:x

=

+ThrdXXYZ/%MEAL: expn [...amount...]

|| Yeld 1: Success

+ThrdXXYZ/%MEAL.CPCT: ftch

|| Yeld 1: Capacity

+ThrdXXYZ/%MEAL: fill [...stream...]

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

|| || 0:o, 1:x, 2:oo, 3:ox, 4:xo

+ThrdXXYZ/%MEAL.OCPN: ftch

|| Yeld 1: Occupancy

+ThrdXXYZ/%MEAL: cunt [...amount...]

+ThrdXXYZ/%TEAL.CPCT: ftch

|| Yeld 1: Capacity

+ThrdXXYZ/%TEAL.OCPN: ftch

|| Yeld 1: Occupancy

+ThrdXXYZ/%TEAL: read

|| Yeld 1: Stream

=

+ThrdXXYZ: fgrt

|| Yeld 1: Success

|| Yeld 2! fgrtre

=

crte Thrd [+ThrdXYZ, \_InfoXY]

crte Thrd [+:\_InfoX, \_InfoXY]

=

+ThrdXXYZ: trns [+ThrdXXY2]

|| Transfer

@Collett1|@Collett2|+ThrdXXYZZ: prge

@Collett1|@Collett2: prge

@Collett1: prge

CODE REAPPLICATION

Snippet free

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

||----A----||

-s1.1-[G1.1]-

||----B----||

-----S.F-----

-----\*NameNameName

-----This is a description.

||----C----||

....codee....

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

Usage

\*NmeName: runn [...]

\*NmeName: prge

\*NmeName: hnur [...]