$\mathbf{Redbin} \square \square \square \square \square$

	_

1.		. 2
2.		. 2
3.		. 3
4.		. 3
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	4.2. 0000	. 4
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Redbin Redbin<
Redbinaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
• DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
1. 00000000000
1. 0000000000000000000000000000
2. 000000000000000000000000000000000000
3. 000000000000000000000
2. □□□□



• bit31 : new-line[][][][]
• bit30 : no-valuesDDDDDDDDDContextDDDD
• bit29 : stack?DDDDDDDDDDDcontextDDDD
• bit28 : self?000000000000000000000000000000000000
• bit27 : set?000000word0000
• bit26-16: 00000000
• bit15-8:0000series000000000000000000000000000000
• bit7-0 : □□□
4.1. 00000
000000 header (4) 000000 n/a
header/type=0
000000000000640000000000000000000000000
4.2. □□□□
000000 header (4), value (4)
header/type=1
4.3. Unset!
000000 header (4) 000000 00
header/type=2
4.4. None!

```
000000 header (4)
000000 00
header/type=3
```

4.5. Logic!

```
000000 header (4), value=0|1 (4)
000000 00
header/type=4
```

4.6. Block!

```
000000 header (4), head (4), length (4), ...
000000 00
header/type=5
```

 length

4.7. Paren!

```
000000 header (4), head (4), length (4), ...
000000 00
header/type=6
```

4.8. String!

```
header/type=7
header/unit=1|2|4
```

4.9. File!

```
header/type=8
header/unit=1|2|4
```

4.10. Url!

```
header/type=9
```

4.11. Char!

```
000000 header (4), value (4)
000000 00
header/type=10
```

4.12. Integer!

```
000000 header (4), value (4)
000000 00
header/type=11
```

4.13. Float!

```
000000 [padding=0 (4),] header (4), value (8)
000000 00
header/type=12
```

4.14. Context!

```
header (4), length (4), symbol1 (4), symbol2 (4),..., value1 [any-type!], value2 [any-type!], ...

header/type=14
header/no-values=0|1
header/stack?=0|1
header/self?=0|1
```

4.15. Word!

```
000000 header (4), symbol (4), context (4), index (4)
000000 00

header/type=15
header/set?=0|1
```

context

4.16. Set-word!

```
000000 header (4), symbol (4), context (4), index (4)
000000 00
header/type=16
```

word!

4.17. Lit-word!

```
DDDDDD header (4), symbol (4), context (4), index (4)
DDDDDD DD
header/type=17
```

word!

4.18. Get-word!

```
000000 header (4), symbol (4), context (4), index (4)
000000 00
header/type=18
```

word!

4.19. Refinement!

```
DDDDDD header (4), symbol (4), context (4), index (4)
DDDDDD DD
header/type=19
```

word!

4.20. Issue!

```
D00000 header (4), symbol (4)
D00000 00
header/type=20
```

4.21. Native!

```
000000 header (4), ID (4), spec [block!]
000000 00
header/type=21
```

4.22. Action!

```
000000 header (4), ID (4), spec [block!]
000000 00
header/type=22
```

4.23. Op!

```
000000 header (4), symbol (4),
000000 TBD
header/type=23
```

 ${\color{blue} \textbf{symbol}} \ {\color{blue} \textbf{OOOp!}} \\ {\color{blue} \textbf{OOOp!}} \\ {\color{blue} \textbf{OOOD}} \\$

4.24. Function!

```
header (4), context [context!], spec [block!], body [block!], args [block!], obj-ctx [context!]
```

4.25. Path!

```
DDDDDD header (4), head (4), length (4), ...

DDDDDD DD

header/type=25
```

4.26. Lit-path!

```
Default: header (4), head (4), length (4), ...
Compact: TBD
header/type=26
```

4.27. Set-path!

```
000000 header (4), head (4), length (4), ...
000000 00
header/type=27
```

4.28. Get-path!

```
000000 header (4), head (4), length (4), ...
000000 00
header/type=28
```

4.29. Bitset!

```
000000 header (4), length (4), bits (length)
000000 00
header/type=30
```

length

4.30. Point!

```
000000 header (4), x (4), y (4), z (4)
000000 00
header/type=31
```

4.31. Object!

```
header (4), context [reference!], class-id (4), on-set-idx (4), on-set-arity (4)
header/type=32
```

4.32. Typeset!

```
000000 header (4), array1 (4), array2 (4), array3 (4)
000000 00
header/type=33
```

4.33. Error!

```
000000 header (4), context [reference!]
000000 00
header/type=34
```

4.34. Vector!

```
header (4), head (4), length (4), values (unit*length)
header/type=35
```

4.35. Pair!

```
DDDDDD header (4), x (4), y (4)
DDDDDD DD
header/type=37
```

4.36. Percent!

```
000000 [padding=0 (4),] header (4), value (8)
000000 00
header/type=38
```

4.37. Tuple!

```
000000 header (4), array1 (4), array2 (4), array3 (4)
000000 00
header/type=39
```

4.38. Map!

```
000000 header (4), length (4), ...
000000 00
header/type=40
```

4.39. Binary!

```
000000 header (4), head (4), length (4), ...
000000 00
header/type=41
```

4.40. Time!

```
000000 [padding=0 (4),] header (4), value (8)
000000 00
header/type=43
```

4.41. Tag!

```
header (4), head (4), length (4), data (unit*length)
header/type=44
header/unit=1|2|4
```

4.42. Email!

```
header/type=45
header/unit=1|2|4
```

4.43. Date!

```
000000 header (4), date (4), time (8)
000000 00
header/type=47
```

4.44. Reference!

```
DDDDDD header (4), count (4), index1 (4), index2 (4), ...

DDDDDDD DD

header/type=255
```

####