

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|----------|-----|----|----|----|----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| the-cars | p10 | n3 | p8 | n4 | p6 | n5 | n1 | p6 | p6 | n6 | n3 | n7 | n4 | n8 | n5 | n9 |
| the-cdrs | nil | p3 | p0 | p5 | p2 | p9 | n2 | nil | p7 | p11 | p12 | p13 | p14 | p15 | nil | nil |

| | | | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| new-cars | | | | | | | | | | | | | | | | |
| new-cdrs | | | | | | | | | | | | | | | | |

root p4
 free p0
 scan p0
 old p4
 new
 oldcr

relocate-
 continue reassign-root

Registers

root = (x y z)
 x = (1 . 2)
 y = (x x)
 z = (3 4 5)