

| op | address | addr (bin) | t(3) | s(1) | b(3) | hit/miss/dirty-miss |
|----|---------|------------|------|------|------|---------------------------|
| W | 0X15 | 001 0101 | 001 | 0 | 101 | clean miss (hay lugar) |
| W | 0x63 | 110 0011 | 110 | 0 | 011 | clean miss (hay lugar) |
| R | 0x2E | 010 1110 | 010 | 1 | 110 | clean miss (hay lugar) |
| R | 0x58 | 101 1000 | 101 | 1 | 000 | clean miss (hay lugar) |
| R | 0x10 | 001 0000 | 001 | 0 | 000 | hit |
| W | 0x0F | 000 1111 | 000 | 1 | 111 | clean miss (hay lugar) |
| R | 0x7F | 111 1111 | 111 | 1 | 111 | clean miss (hay lugar) |
| W | 0x2A | 010 1010 | 010 | 1 | 010 | hit |
| R | 0x6F | 110 1111 | 110 | 1 | 111 | clean miss (con desalojo) |
| R | 0x1B | 001 1011 | 001 | 1 | 011 | dirty miss (con desalojo) |
| R | 0x65 | 110 0101 | 110 | 0 | 101 | hit |
| R | 0x29 | 010 1001 | 010 | 1 | 001 | hit |
| | | | | | | |
| | | | | | | tag s b |
| | | | | | | 001 0 000 |

| set | vía | v | d | tag | bloque | Escritura | Desalojo |
|----------------------|-----|---|----|-----|------------|-------------------------------------------------------------------------|---------------------------|
| 0 | 1* | 1 | 1 | 001 | M[16-23] | WB + WA (escribe en cache y pinta dirty) | LRU = Least Recently Used |
| | 2 | 1 | 1 | 110 | M[96-103] | | |
| | 3 | | | | | | |
| | 4 | | | | | | |
| 1 | 1* | 1 | [1 | 010 | M[40-47] | lugar en memoria: tag * 16 + s*8 | |
| | [2] | 1 | 0 | 101 | M[88-95] | | |
| | 2 | 1 | 0 | 110 | M[104-111] | | |
| | [3] | 1 | 1 | 000 | M[8-15] | | |
| | 3 | 1 | 0 | 001 | M[24-31] | | |
| | 4 | 1 | 0 | 111 | M[120-127] | | |
| Si la cache es FIFO: | | | | | | => ocurren más misses | |
| set | vía | v | d | tag | bloque | | |
| 0 | 1 | 1 | 1 | 001 | M[16-23] | | |
| | 2 | 1 | 1 | 110 | M[96-103] | | |
| | 3 | | | | | | |
| | 4 | | | | | | |
| 1 | 1 | 1 | [4 | 010 | M[40-47] | desalojo esta al leer 0x6F, dirty miss | |
| | 1 | 1 | 0 | 110 | M[104-111] | | |
| | 2 | 1 | 0 | 101 | M[88-95] | desalojo esta al leer 0x1B | |
| | 2 | 1 | 0 | 001 | M[24-31] | | |
| | 3 | 1 | 1 | 000 | M[8-15] | desalojo al leer 0x29, diferente a LRU xq en LRU no se desaloja tag 010 | |
| | 3 | 1 | 0 | 010 | M[40-47] | | |

| | | | | | | | | | | |
|--|---|---|---|-----|------------|--|--|--|--|--|
| | 4 | 1 | 0 | 111 | M[120-127] | | | | | |
|--|---|---|---|-----|------------|--|--|--|--|--|

[illegible]

[1] cambia de 0 a 1 al leer 0x2A

[2] Desalojo al leer 0x6f

[3] Desalojo al leer 0x1b

[4] cambia de 0 a 1 al leer 0x2A