Main Core | Monitor

```
char *x = malloc(8);

char *y = x + 4;

x[7] = 1;

y[7] = 1;
```

metadata[x] = {x,x+7} → invalid[x] = true

metadata[y] =
  metadata[x] → invalid[y] = invalid[x]

x+7 in metadata[x]?
  invalid[x] is true.
  No error.

y+7 in metadata[y]?
  invalid[y] is true.
  No error.