

Main Core

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

```
char *y = x + 4;
```

```
x[7] = 1;
```

```
y[7] = 1;
```

Monitor

~~metadata[x] = {x, x+7}~~

metadata[y] =
metadata[x]

x+7 in metadata[x]?
No, raise error.

y+7 in metadata[y]?
No, raise error.

