

```
Foo foo1{.x = 1, .y = 2};  
H→insert(foo1);
```

assign ID

Cache

Heap

ID	x	y
1	1	2

←new row

```
auto foo2 = make_shared<Foo>(3, 4);  
H→insert(foo2, true);
```

Cache

Heap

weak_ptr<Foo>
shared_ptr<Foo>

{
id=2
x=3
y=4
}

ID	x	y
1	1	2
2	3	4

←new row

assign ID