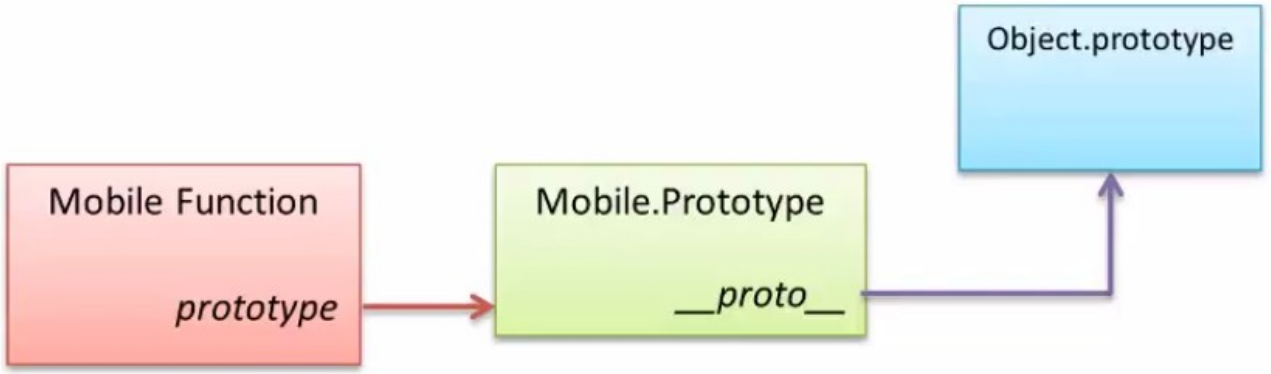
```
function Mobile( ) {
   this.a = 10;
}
```



Javascript inheritance dont work as it is in java!

1. When we create an contruction function two object created Mobile and pro totype object ie called Mobile.Prototype, it have a property ie called __proto__ point to Object.prototype
2. No object over Object.prototype it refer to null
3. When we create an object of Mobile ie

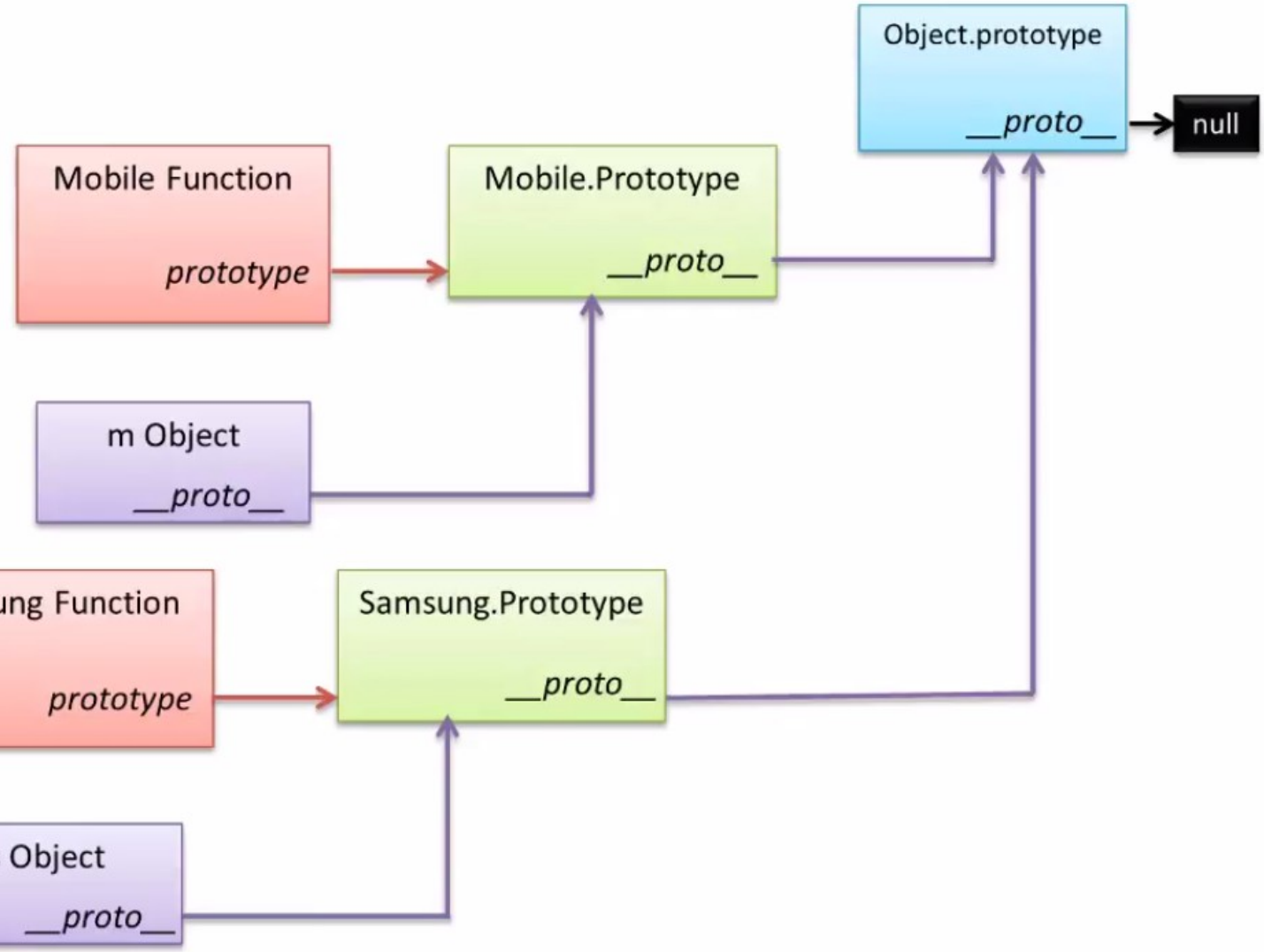
var m=new Mobile(); javascript create a object and create a property __proto__ point to __proto__ of Mobile.Prototype

```
function Mobile( ) {
   this.a = 10;
}

var m = new Mobile()

function Samsung( ) {
   this.b = 20;
}

var s = new Samsung()
```

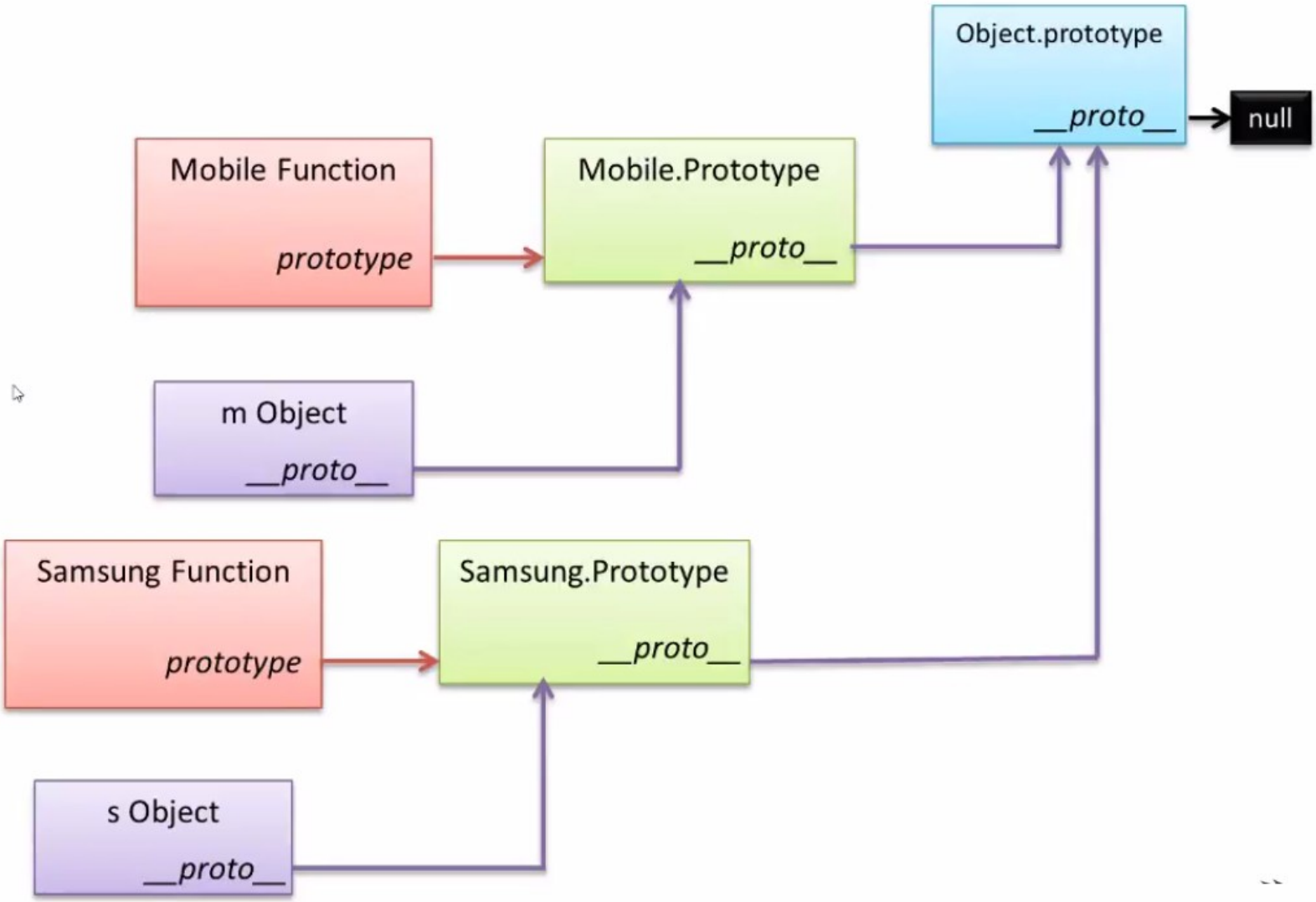
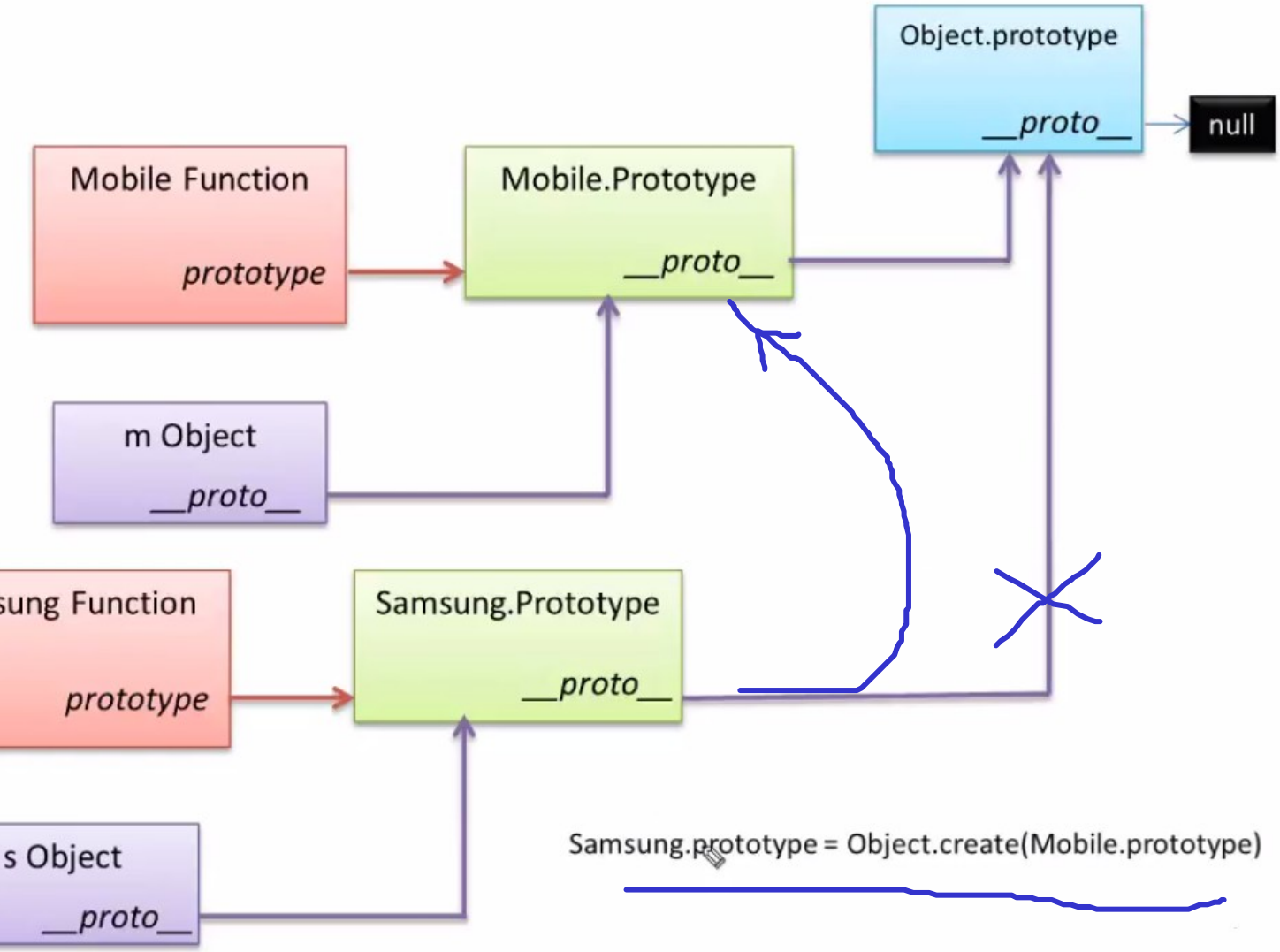


```
function Mobile( ) {
   this.a = 10;
}

var m = new Mobile()

function Samsung( ) {
   Mobile.call(this);
   this.b = 20;
}

var s = new Samsung()
```



```
function Mobile( ) {
   this.a = 10;
}

Mobile.prototype.z = 30

var m = new Mobile()

function Samsung( ) {
   Mobile.call(this);
   this.b = 20;
}

var s = new Samsung()
```