

```

1  return function(name,base)
2      local klass, base_ctor = {}
3      if base then
4          for k,v in pairs(base) do klass[k] = v end
5          klass._base = base
6          base_ctor = rawget(base,'new') end
7      klass.__index = klass
8      klass._is = name
9      klass._class = klass
10     return setmetatable(klass,{
11         __call = function(klass,...)
12             local obj = setmetatable({},klass)
13             if rawget(klass,'new')
14             then klass.super = base_ctor
15                 local res = klass.new(obj,...)
16                 if res then obj = setmetatable(res,klass) end
17             elseif base_ctor then base_ctor(obj,...) end
18             return obj end}) end

```