```
trimesh::GLManager
::AttributeInfo

+ name
+ buf
+ p
+ floats_per_attribute
+ stride
+ offset
+ location

+ AttributeInfo()
```

```
+normal info
           +vertex info
           +texcoord info
trimesh::GLManager
    ::ShaderInfo
+ name
+ vshader
+ fshader
+ program
+ have uniform
+ have attribute
+ have vertex

    + have normal

+ have color3
+ have color4

    + have texcoord

+ uniform info

    attribute info

+ texunit binding
+ checked
```

+ ShaderInfo()