```
dsph model.model
+ params
+ required_params_name
+ submodels
+ required models
+ name
+ init ()
+ repr ()
+ show params()
+ show required params name()
+ is required params name()
+ update()
   dsph model.stellar
             model
    + name
   + density()
   + density_2d_truncated()
 dsph model.plummer
            model
 + name
 + required params name
 + density_2d()
 + logdensity 2d()
 + density_2d_normalized_re()
 + density 3d()
 + cdf R()
 + mean density 2d()
 + half light radius()

    half light radius()
```