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Subject: Re: UltimateOpenGL [BETA] 3D Engine  
Posted by [Xemuth](#) on Tue, 19 Nov 2019 20:32:17 GMT  
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Hello Koldo & Klugier,

Klugier wrote on Mon, 18 November 2019 22:42

Backing to Xemuth :) I think you made grate work here and probably you had a lot of fun writing this application. I am glad you decided to publish it as an open source. We definitely need more initiative like this. Thanks and good luck in developing this project and other projects in the future!

Yeah I had lot of fun writing it :d

Klugier wrote on Mon, 18 November 2019 22:42

At the end, I would like to give you some power tips for the future. I notice that you use following code in your header files (.h):

```
using namespace Upp;
```

This should be avoided at all cost, because when somebody includes that file it will also inherit this namespace shortcut. To overcome that issue you can put your class into Upp namespace or directly use namespace Upp::. You can find more information on <https://stackoverflow.com/questions/5849457/using-namespace-in-c-headers>.

you are right, it's now fixed !

Klugier wrote on Mon, 18 November 2019 22:42

Sometimes you pass string as a copy when you can pass it by const reference to avoid copy:

```
GameObject::GameObject(String _name){ // <- Copy  
    name = _name; // <- Copy one more time  
}
```

Should be replace with

```
GameObject::GameObject(const String& _name){ // <- No copy, address (reference) is passed  
    name = _name; // <- Copy  
}
```

As you may see with const& we avoid one extra copy that is not need in above case.

Yeah I know, I just sometime forget it :roll:

