C++ OF

common errors when learning

Where's my stuff?

- You're responsible for knowing where your stuff is

- Your IDE just looks for your stuff based on where you tell it to look

- OF sets this all up for you so you don't have to worry about it

- But if you rename your stuff, or move it somewhere else, it won't work

Copy-paste fail

- It's fine to copy and paste code from one place to another

- But you can't just copy and paste lots of code and expect it to work

- Only copy and paste small, simple things (snippets), one at a time

- Never copy-paste anything with lots of code and objects you don't understand - test each line one at a time

Images/videos/assets aren't loading

- Have you copied the right files in to the data folder?

- Have you made sure that the files have the right file names?

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Where is my variable / object?

- Only declare a variable or object (class) in a function if you want to restrict it to that function

- If you want to use a variable or an object in more than one place, you need to declare them in your header file

- Don't forget - 'Declaring' creates things. 'Defining' says what they do

What can this object do?

- You don't need to look up an object on the internet to find out what functions and variables it has.

- Your IDE can tell you some useful things about it using autocomplete / hinting.

- Also, you can look up the object itself. It's just code…

My function/method won't run

- Check that your arguments (inputs) are the right type

- Check that your return type is correct

- Check that variables are properly declared and defined

- Remember, functions that belong to objects are called' member functions, and/or 'methods'. The 'method signature' tells you what inputs the method takes, and what 'type' it needs to return.

I have no idea how to use this object/function

- Read the documentation

- If there's no documentation, or it's not clear, search the forums for an answer.

- Then, try explaining the problem to your rubber duck.

- If your rubber duck doesn't know the answer, then you might consider asking on the forum in the same way you asked your rubber duck.

- Be polite, consistent and helpful on forums. Follow the code of conduct and never, ever lose it.