

Tute 12: Advanced Inheritance

Custom Datastructures

When should we use a custom datastructure and when should we use one built into the stl?

Review: Inheritance

What is private/protected inheritance?

What is virtual inheritance?

Programming Concepts: More Inheritance

For these questions refer to composition.cpp and diamond.cpp from the lecture 11 examples folder.

How can private inheritance be used to simulate composition?

How can virtual inheritance be used to allow siblings to call methods on each other?

Compilation: vtables

What is a vtable?

How are vtables used in the context of virtual inheritance?

Errors: None this week

Debugging: None this week

Exercises: None this week