

Move constructors Exercises

- In what circumstances is the move constructor called?
- Write a move constructor for a simple class that has a member of built-in type and a member which is a class instance
- Add a copy constructor and default constructor to your class
- Put a print statement in your constructors and experiment with creating instances to call them

- Why is it undesirable for move operators to throw exceptions?
- What do we need to remember when writing a move constructor for a derived class?
- What happens when we try to copy a temporary instance of a class that does not have a move constructor?
- Can we assume that the compiler will always generate a default move constructor if we do not implement one?