```
        return policy.allocate();
    }
};

static_assert(
    sizeof(LargeObjectCreator<int, OpNewCreator>) > sizeof(std::size_t), "");

static_assert(
    sizeof(LargeObjectCreator<int, MallocCreator>) > sizeof(std::size_t), "");
```

Alternatively, the author of `OpNewCreator` and `MallocCreator` might reconsider and remove **`final`**.

See Also

- "**`override`**" (§1.1, p. 104) describes a related contextual keyword that verifies the existence of matching virtual functions in base classes instead of preventing matching virtual functions in derived classes.

Further Reading

- Barbara Liskov discusses in her seminal 1987 keynote paper a remarkable number of issues relevant to the ongoing design and development of modern C++; see **liskov87**.
- Barbara Liskov and Jeanette Wing followed up with a precise notion of subtyping in which any property provable about objects of a supertype would necessarily hold for objects of proper subtypes; see **liskov94**. This notion of proper subtyping (which is manifestly distinct from C++-style inheritance) would later come to be known as the Liskov Substitution ~~Principal~~ (LSP)[16]:

  > Let $\phi(x)$ be a property provable about objects x of type T. Then $\phi(y)$ should be true for objects y of type S where S is a subtype of T.

[16] **liskov94**, section 1, "Introduction," p. 1812