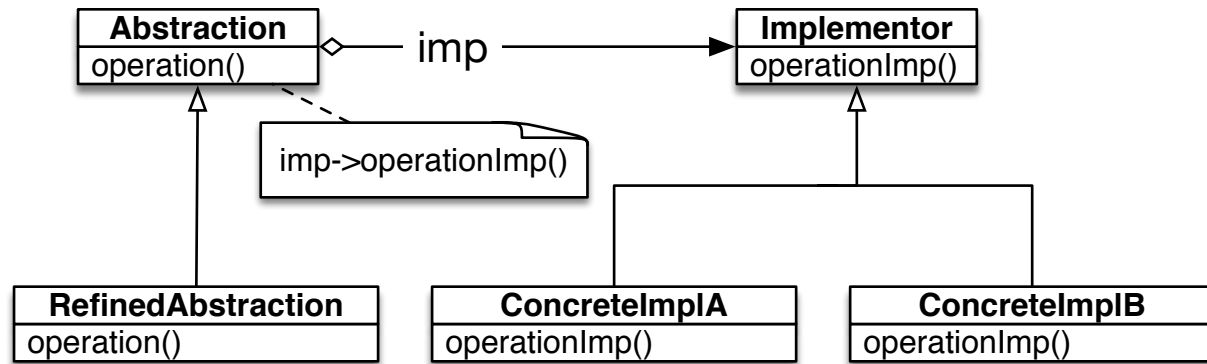**Bridge**

**Intent**: decouple interface from implementation so that (pimpl where the impl is also subclassed)
- the two can change independently, both the abstractions and impls can be extended independently
- implementation details are hidden from client, and changing an implementation doesn't require client recompilation
- implementation can be selected at runtime
- you can share the implementation among multiple objects, and this fact should be hidden from client
(e.g. reference counting; String class)



Typically Abstraction provides high-level interface, while Implementor provides primitive implementations.
Abstraction can use Abstract Factory to decide which Impl to create, this further reduces interface's knowledge of the Impl