# Bridge



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## Overview



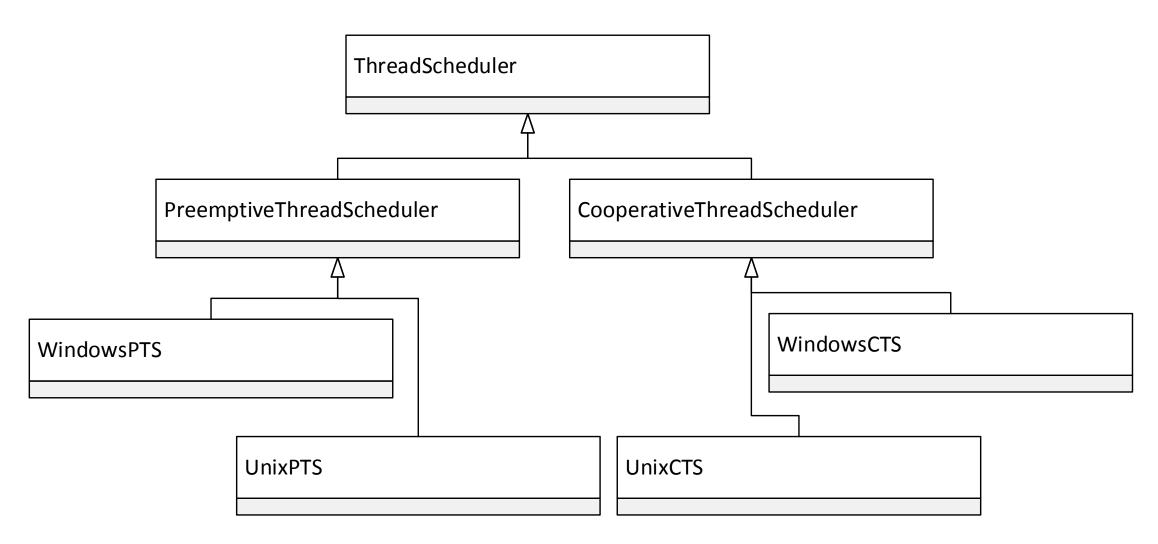
**Motivation** 

**Pimpl Idiom** 

**Shape Sizing Demo** 

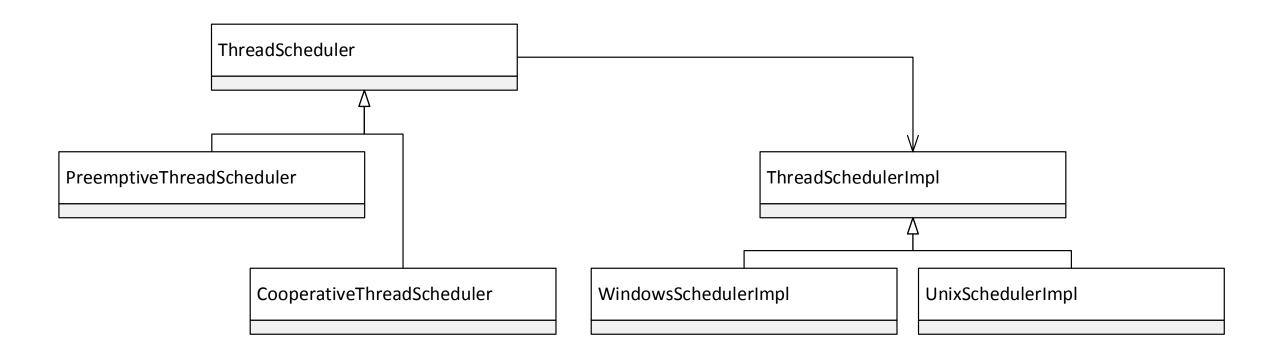


## Motivation





#### Motivation





## Bridge

A mechanism that decouples an interface (hierarchy) from an implementation (hierarchy).



### Summary



Decouple abstraction from implementation

Both can exist as hierarchies

A stronger form of encapsulation

