





What types are sync?

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• *Trivial types only*

• **synchronized\_value (P0290)**

• `WrapStdTypeWithStd::mutex`

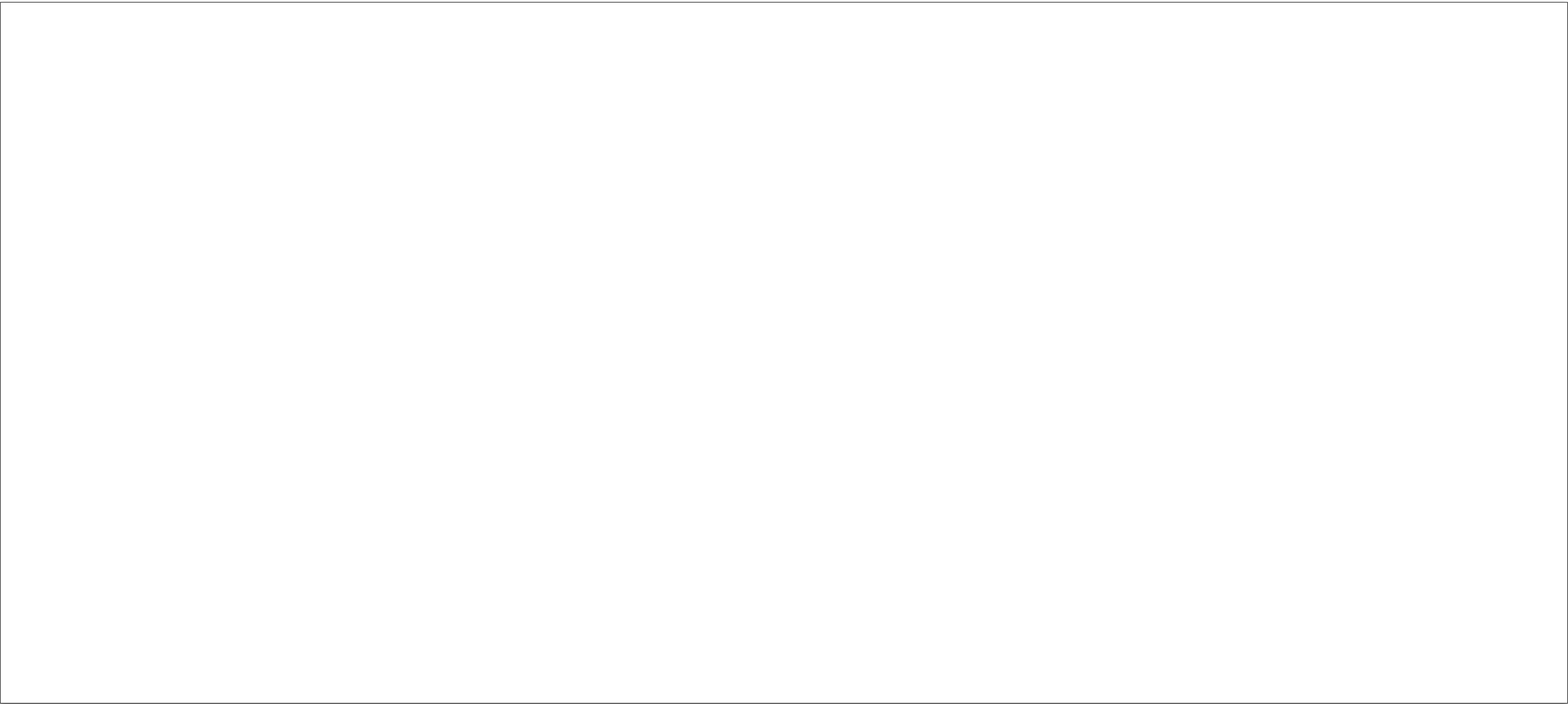


- Automatically locks during access

• Works with any type

What types are sync?





class synchronized\_value

```
syncronized_value(const synchronized_value&) = delete;
```

template<typename T>



```
synchornized_value & operator=(const synchornized_value&) = delete;
```





syncronized\_value(Args&&. . . args)





`template<typename... Args>`

template<typename Fn, typename Up, typename... Types>



`syncronized_value<Tys>&. . . ) ;`

std::mutex mutex;



std::forward<Args>(args)...

Typewari!

```
friend std::invoke_result_t<Fn,Up&,Types&...> apply(Fn&&, synchronized_value<Up>&,&
```

synchronized\_via\_true

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