

Future

A future is a non-modifiable placeholder for a value set by a promise.

A future created with `std::async` can start the calculation immediately (eager) or delayed (lazy).

```
auto lazyOrEager = std::async([]{ return "LazyOrEager"; });  
auto lazy = std::async(std::launch::deferred, []{ return "Lazy"; });  
auto eager = std::async(std::launch::async, []{ return "Eager"; });  
  
lazyOrEager.get();  
lazy.get();  
eager.get();
```