Presenting Code

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Meeting C++

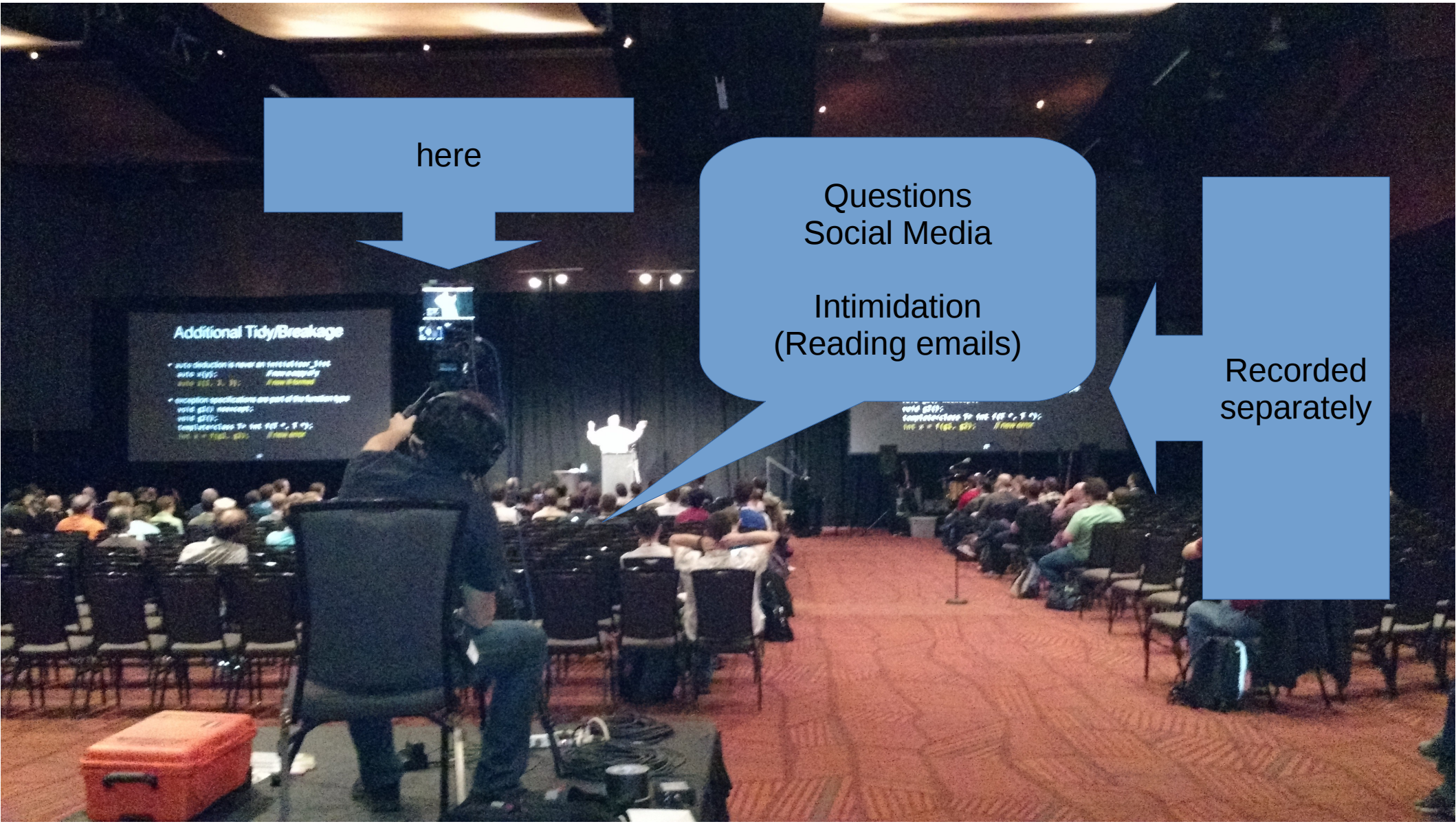
CppCon 2016

@meetingcpp

Motivation

- Inspired by Scott Meyers Keynote
  - Meeting C++ 2014
  - Last keynote from Scott Meyers
- Seeing many talks
  - Different ways
  - Its actually an important part of your talk

Where is your Audience?



Forms of Code...

- Text
  - Highlighted?
- Screenshot
- Live demo?
- Often on slides
  - Not so well supported

Example

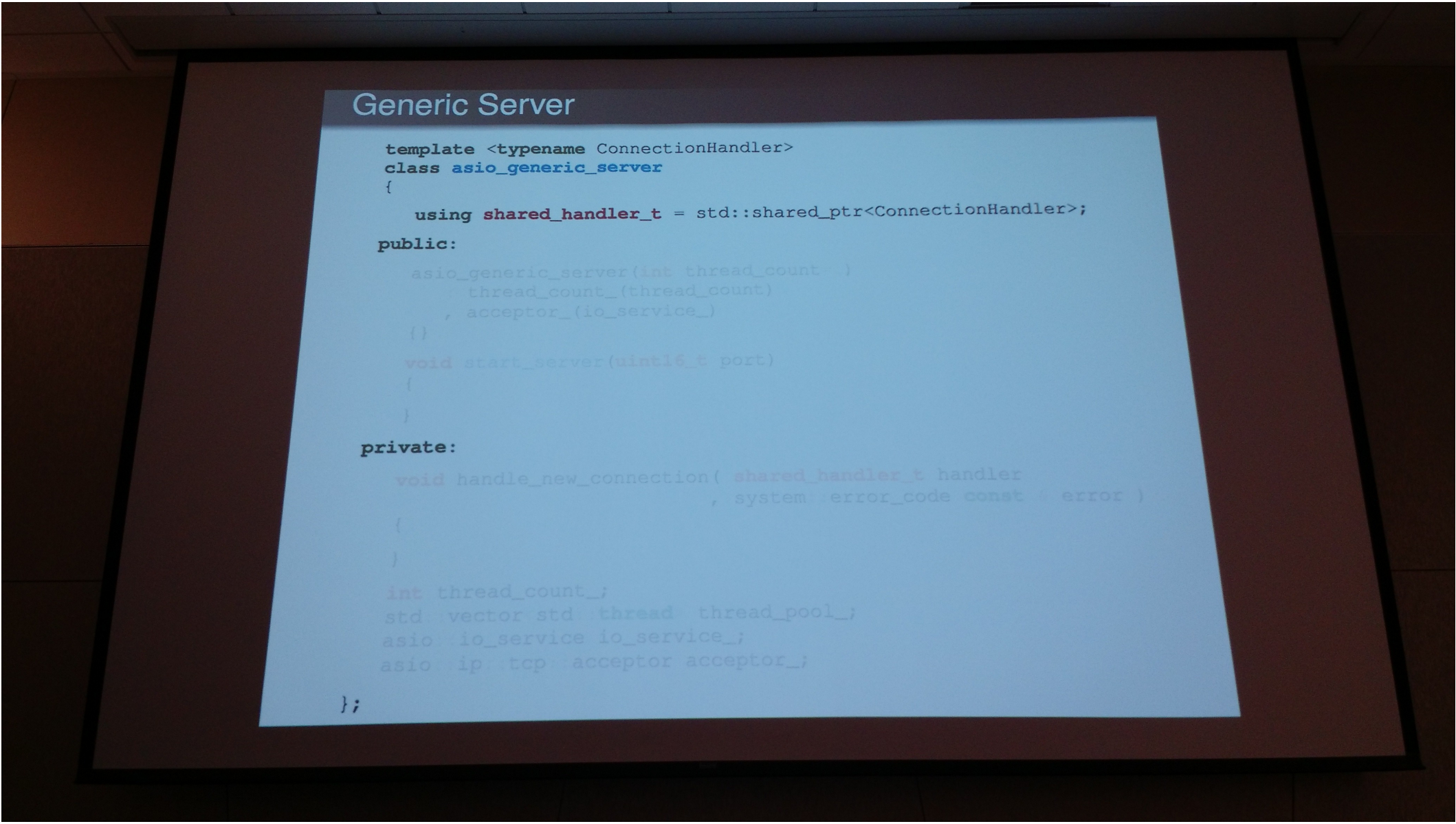
- Just Code

```
template<class AbstractClass,class IdType = size_t,
        class MakeType = boost::function<AbstractClass*()> >
struct Factory
{
    boost::container::flat_map<IdType,MakeType> factory_map;
public:
    void register_factory(IdType type_id,const MakeType& make)
...
    template<class ...args>
    abstract_type* create(IdType id, args&&... a)const
...
```

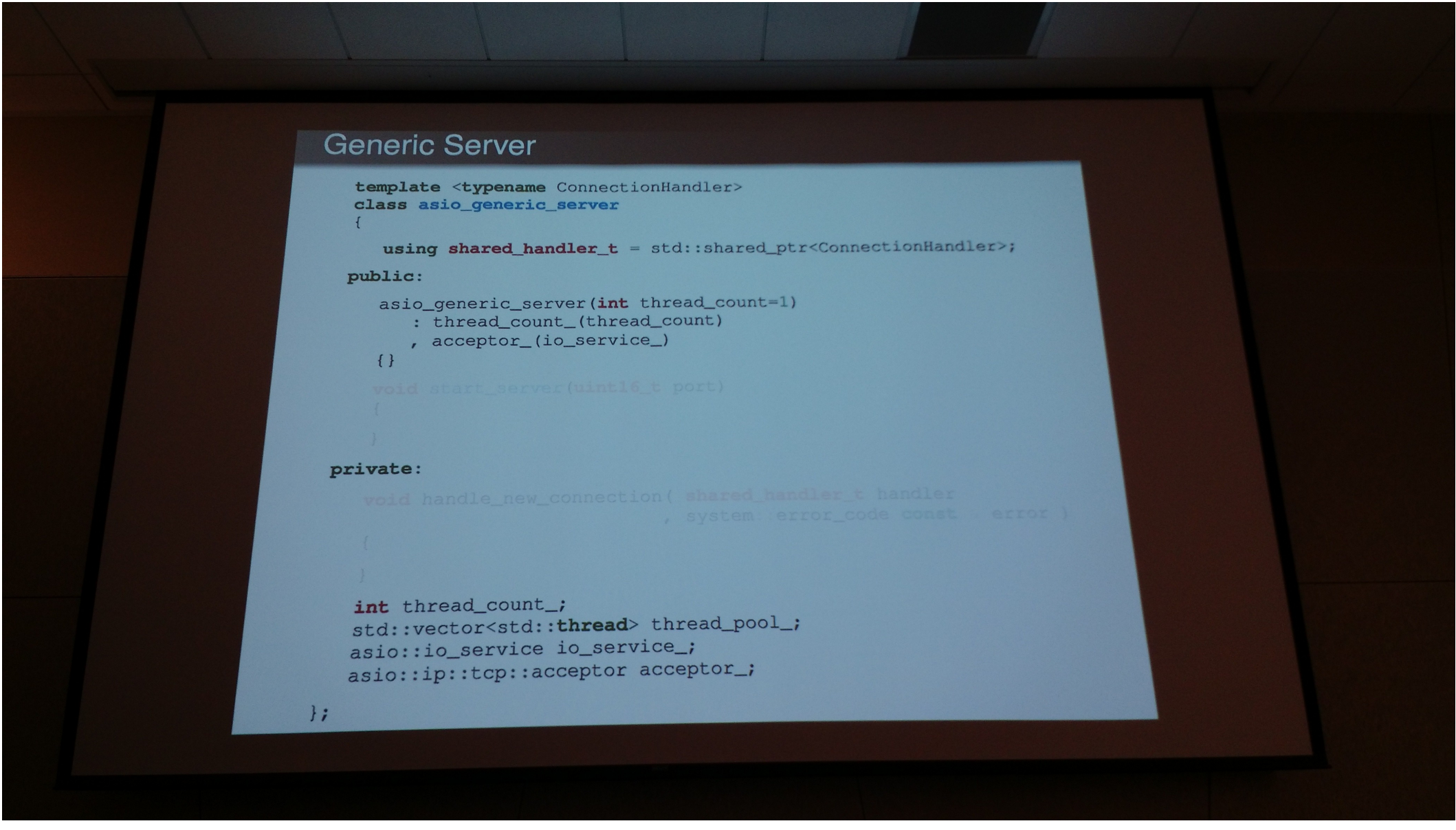
- Highlight what you are going to talk about

```
template<class AbstractClass,class IdType = size_t,
        class MakeType = boost::function<AbstractClass*()> >
struct Factory
{
    boost::container::flat_map<IdType,MakeType> factory_map;
public:
    void register_factory(IdType type_id,const MakeType& make)
...
    template<class ...args>
    abstract_type* create(IdType id, args&&... a)const
…
factory.registerType(dir_typeid,boost::bind(boost::factory<DirPanel*>(),_1,_2));
```

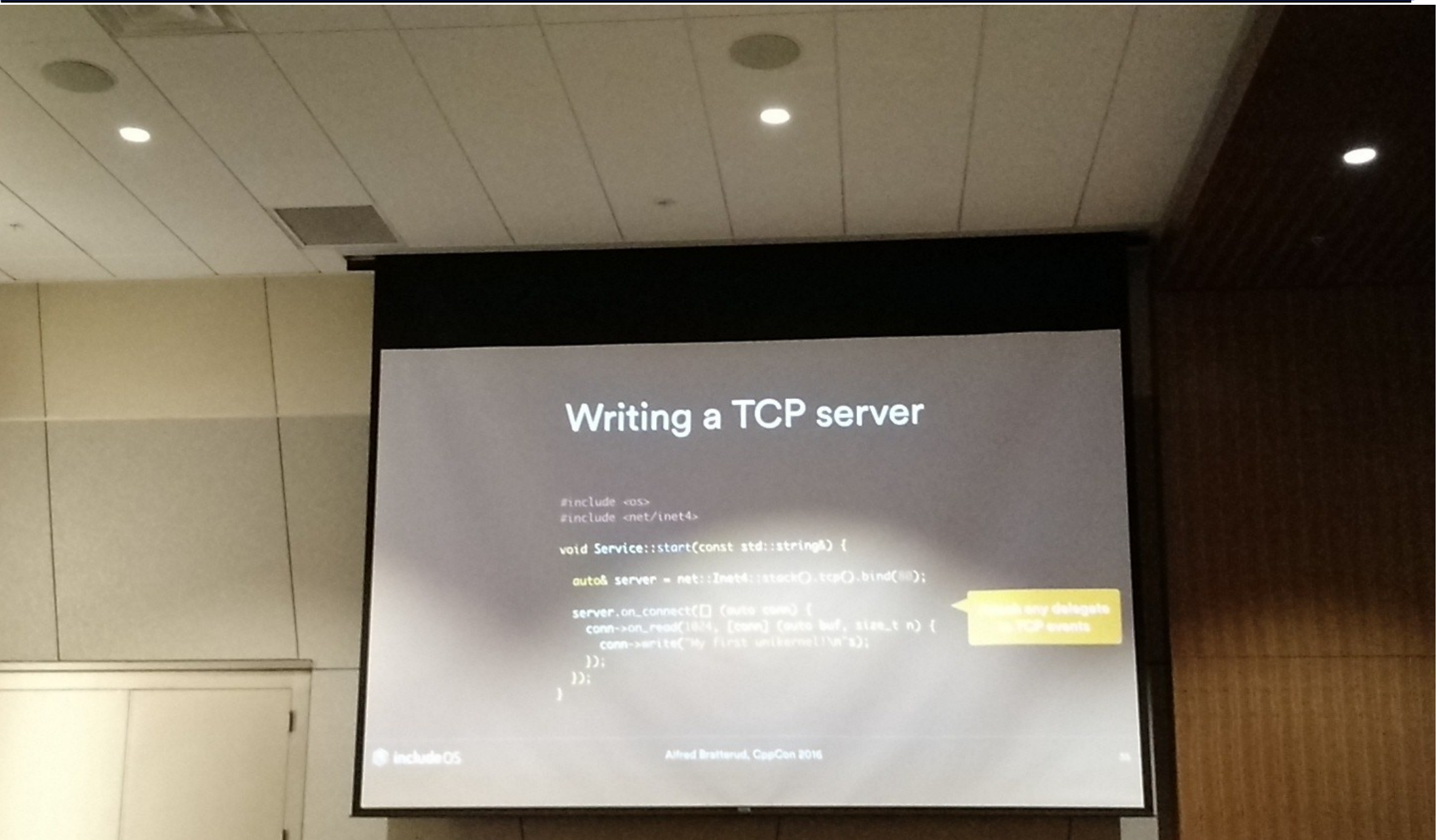
Another good Example



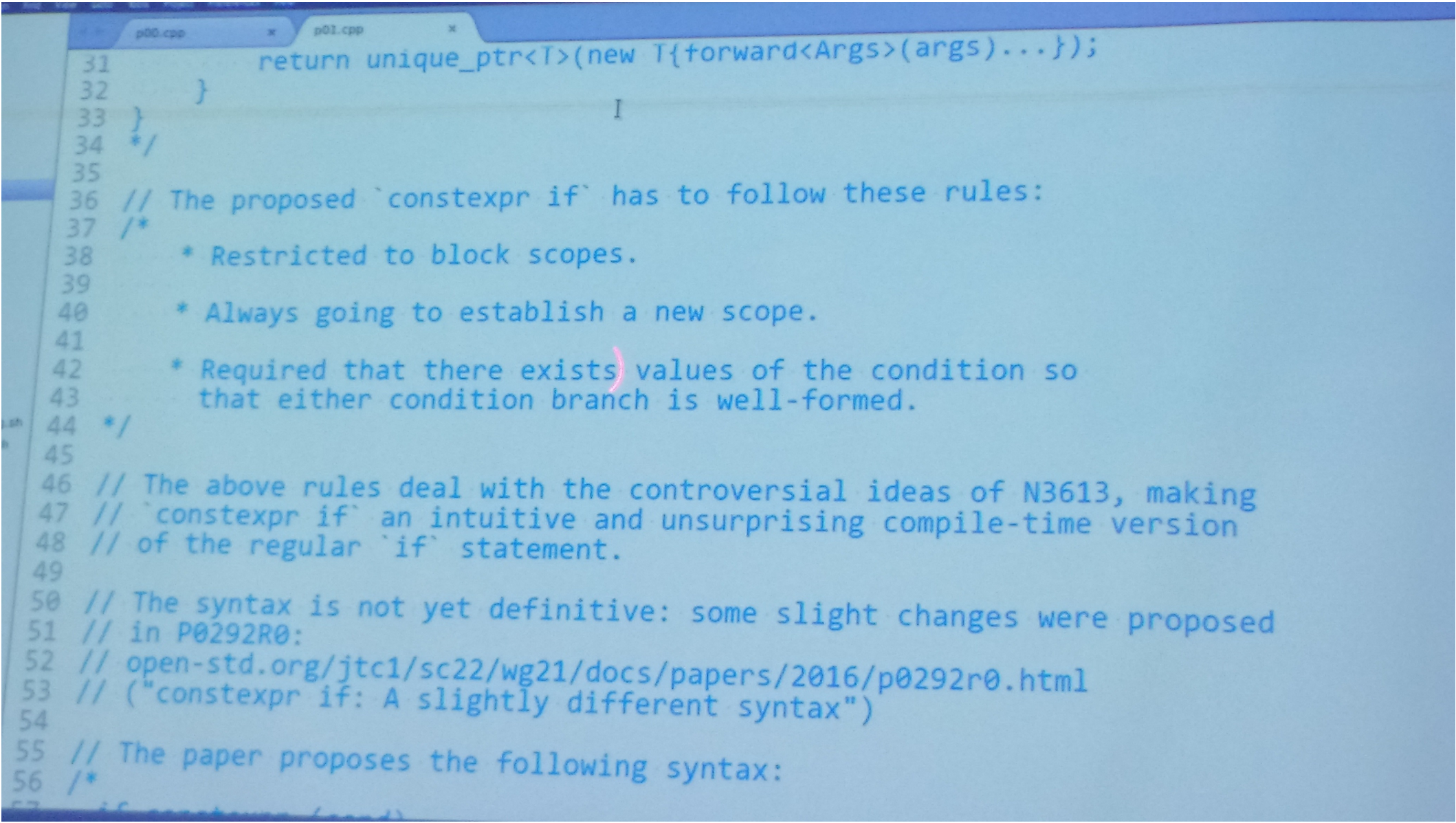
Another good Example



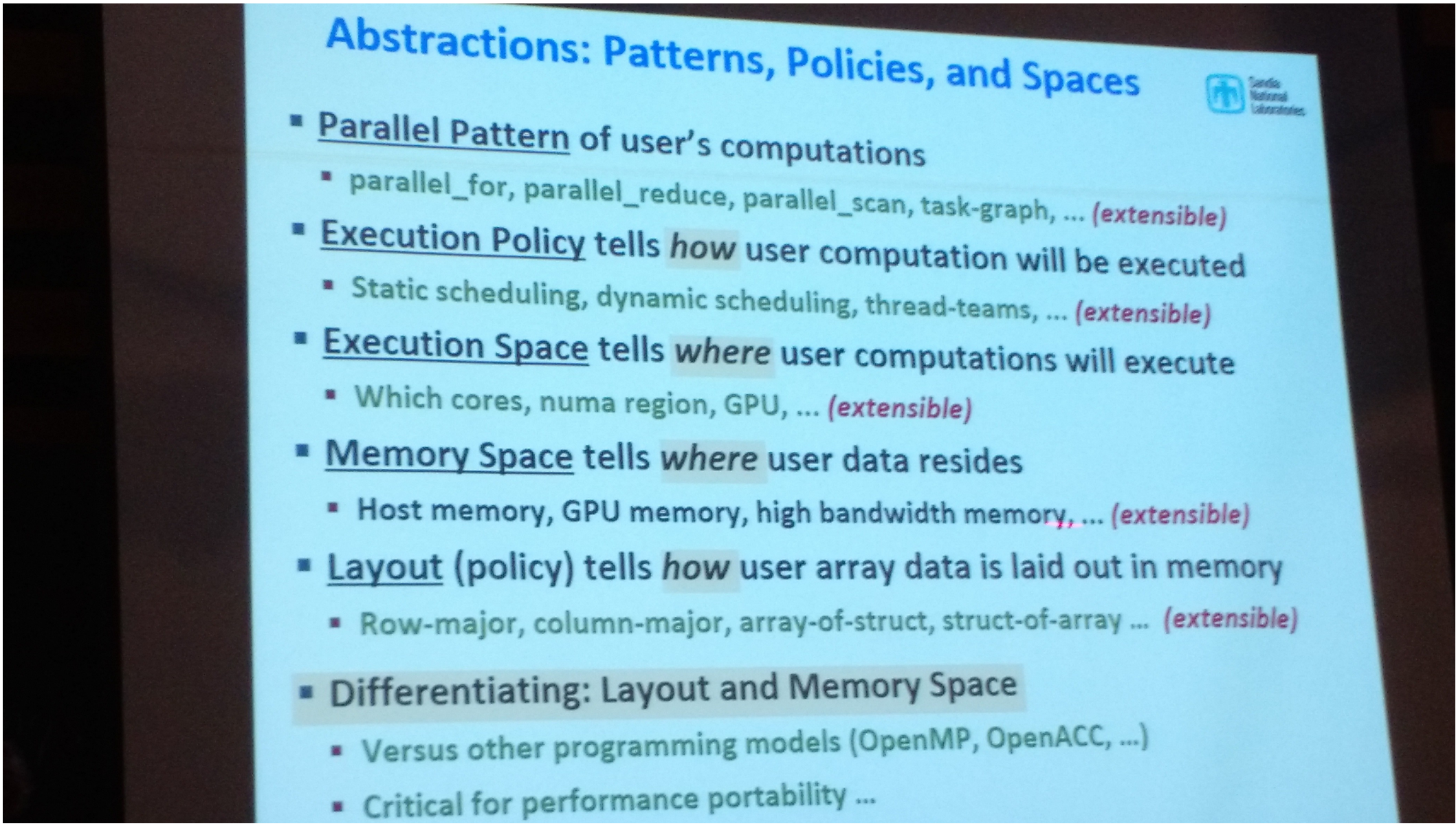
Also


Writing a TCP server
#include <os>
#include <net/inet4>
void Service::start(const std::string&) {
auto& server = net::Inet4::stack().tcp().bind(80);
server.on_connect([] (auto conn) {
conn->on_read(1024, [conn] (auto buf, size_t n) {
conn->write("My first unikernel!\n"s);
});
});
}
includeOS
Alfred Bratterud, CppCon 2016

Laserpointers!



Laserpointers!



Laserpointers!

Did you see it?

Where is your god now?

Conclusions

- Laser pointers are not recorded
  - Are already difficult to see for the audience
- Highlight what you are talking about
- Less code is better
  - Slide++
- Livedemo
- Watch the keynote from Scott Meyers