

# Modern C++ Libraries

## Smart Classes

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**pluralsight**   
hardcore developer training

# Handles, Pointers, and Objects

- Handles vs. interfaces

```
auto h = HANDLE { CreateEvent( ... ) };  
SetEvent(h);  
CloseHandle(h);
```

```
unique_handle<T> // cool !
```

# Anatomy of a Smart Class

- **Constructors**
- **Destructor**
- **Mutability**
- **Member functions**
- **Helper functions**
- **Static members**
- **Operator overloading**
- **Namespaces**

# Summary

- From smart pointers to smart classes