

# Concepts: Evolution or Revolution?

## Evolution

- `auto` is an unconstrained placeholder
- Generic lambdas introduce a new syntax for defining templates

```
auto add = [](auto a, auto b) {  
    return a + b;  
}
```

## Revolution

- Template requirements are checked by the compiler
- The declaration and definition of templates are significantly simplified
- **Concepts define semantic categories and not syntactic constraints**