



Bounds/Lifetime:

Flux - Sequence Based Programming

- Curried design (similar to Rust iterators)

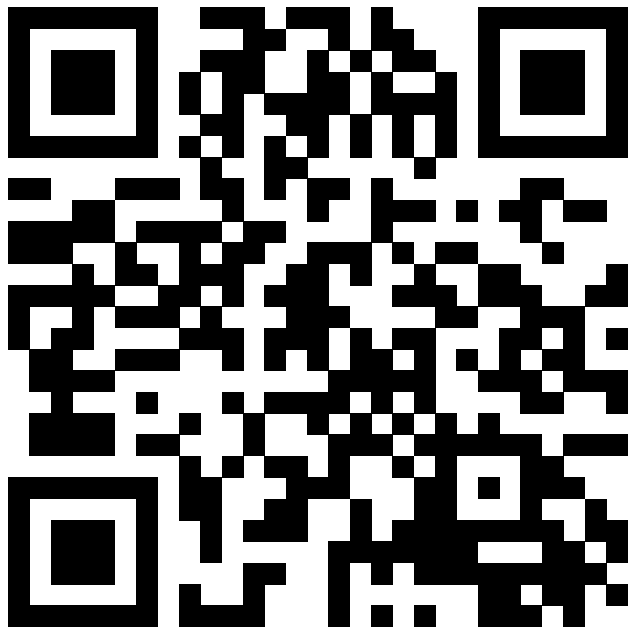
• can't do anything

• can't be invalidated



Bundschrecke

35





Bounds/Lifetime: Flux - Sequence Based Programming



- Cursor based design (similar to Rust iterators)
- Can't dangle
- Can't be invalidated
- Bounds checked



Lifetime: Static Analysis

```
int* get_raw() {  
    auto ptr = std::make_unique<int> (42);  
    return ptr.get();  
}  
  
int main() {  
    auto raw = get_raw();  
    std::cout << "Hello " << *raw;  
}
```