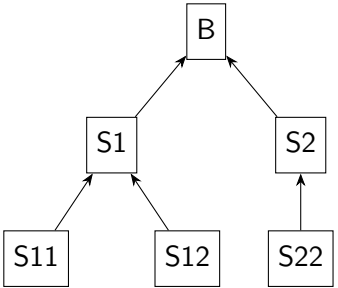
Vererbungshierarchie



Overload Set

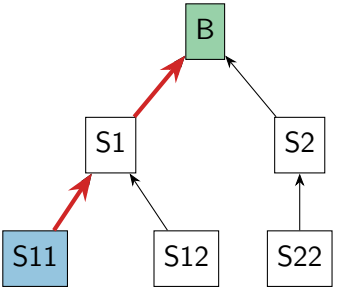
```
f( B , B , B )
f( S11 , B , int )
f( S11 , B , B )
```

Malus

Aufrufstelle

```
f( S11 , S2, B)
```

Vererbungshierarchie



Overload Set

Malus

f(B , B , B)

2 1 0

$\Rightarrow \sum = 3$

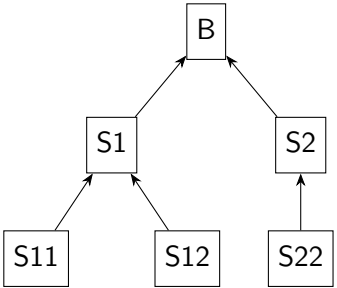
f(S11 , B , int)

f(S11 , B , B)

Aufrufstelle

f(S11 , S2, B)

Vererbungshierarchie



Aufrufstelle

```
f( S11 , S2, B)
```

Overload Set

Malus

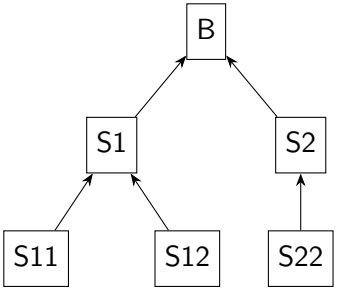
```
f( B , B , B )
```

2 1 0 $\Rightarrow \sum = 3$

```
f( S11 , B , int )
```

```
f( S11 , B , B )
```

Vererbungshierarchie



Aufrufstelle

```
f( S11 , S2, B)
```

Overload Set

Malus

```
f( B , B , B )
```

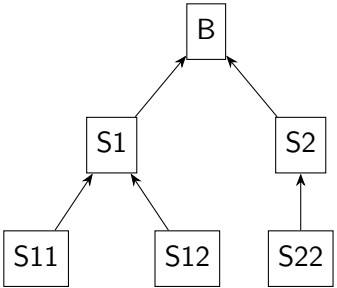
2 1 0 $\Rightarrow \sum = 3$

```
f( S11 , B , int )
```

0 1 ∞ $\Rightarrow \sum = \infty$

```
f( S11 , B , B )
```

Vererbungshierarchie



Aufrufstelle

```
f( S11 , S2, B)
```

Overload Set

Malus

```
f( B , B , B )
```

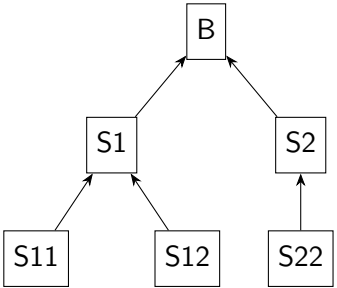
2 1 0 $\Rightarrow \sum = 3$

```
f( S11 , B , int )
```

0 1 ∞ $\Rightarrow \sum = \infty$

```
f( S11 , B , B )
```

Vererbungshierarchie



Aufrufstelle

```
f( S11 , S2, B)
```

Overload Set

Malus

f(B , B , B)

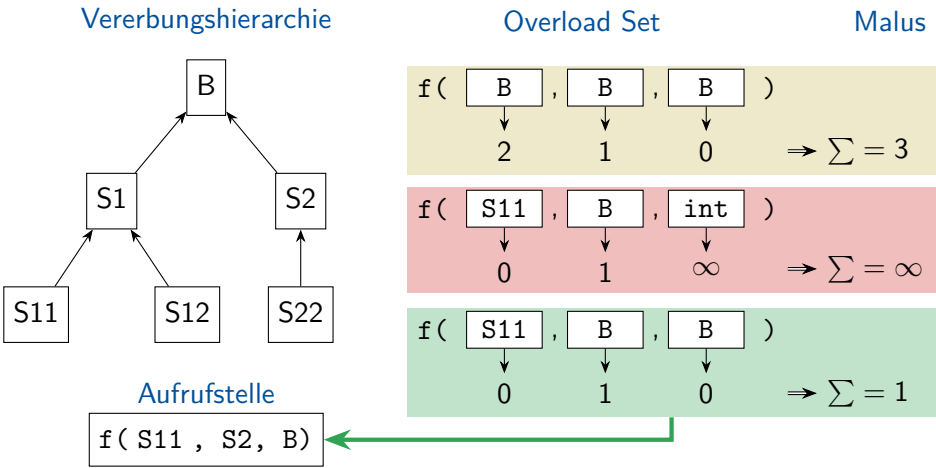
2 1 0 $\Rightarrow \sum = 3$

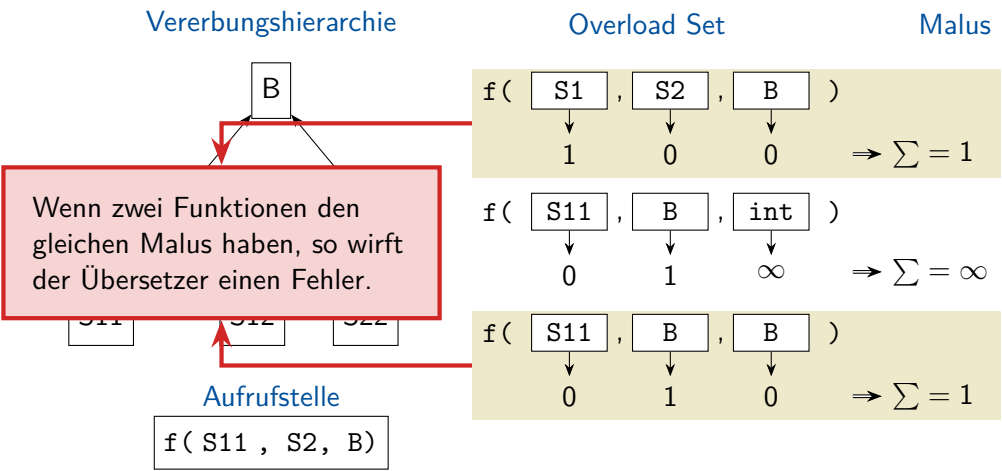
f(S11 , B , int)

0 1 ∞ $\Rightarrow \sum = \infty$

f(S11 , B , B)

0 1 0 $\Rightarrow \sum = 1$


Vererbungshierarchie
Overload Set
Malus
B
S1
S2
S11
S12
S22
f(B , B , B)
2 1 0
$\Rightarrow \sum = 3$
f(S11 , B , int)
0 1 ∞
$\Rightarrow \sum = \infty$
f(S11 , B , B)
0 1 0
$\Rightarrow \sum = 1$
Aufrufstelle
f(S11 , S2, B)


Vererbungshierarchie
Overload Set
Malus
B
f(S1 , S2 , B)
1 0 0
⇒ ∑ = 1
f(S11 , B , int)
0 1 ∞
⇒ ∑ = ∞
f(S11 , B , B)
0 1 0
⇒ ∑ = 1
Wenn zwei Funktionen den gleichen Malus haben, so wirft der Übersetzer einen Fehler.
Aufrufstelle
f(S11 , S2, B)