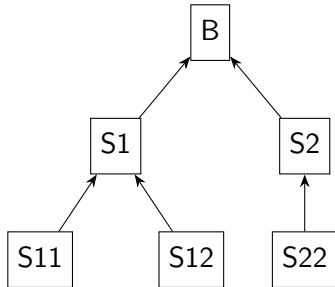


Vererbungshierarchie



Aufrufstelle

f(S11 , S2, B)

Overload Set

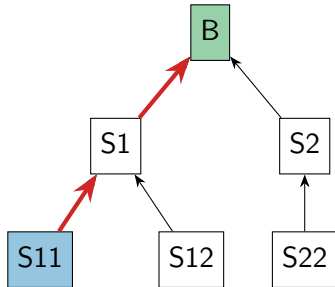
f(B , B , B)

f(S11 , B , int)

f(S11 , B , B)

Malus

Vererbungshierarchie



Aufrufstelle

f(S11, S2, B)

Overload Set

f(B, B, B)

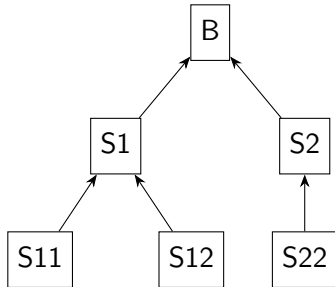
↓ ↓ ↓
2 1 0

⇒ $\Sigma = 3$

f(S11, B, int)

f(S11, B, B)

Vererbungshierarchie



Aufrufstelle

f(S11 , S2, B)

Overload Set

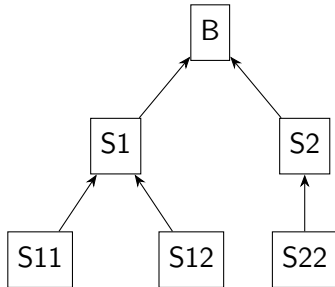
f(B , B , B)
 ↓ ↓ ↓
 2 1 0 $\Rightarrow \Sigma = 3$

f(S11 , B , int)

f(S11 , B , B)

Malus

Vererbungshierarchie



Aufrufstelle

f(S11 , S2, B)

Overload Set

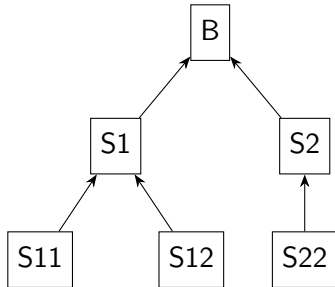
f(B , B , B)
↓ ↓ ↓
2 1 0 $\Rightarrow \Sigma = 3$

f(S11 , B , int)
↓ ↓ ↓
0 1 ∞ $\Rightarrow \Sigma = \infty$

f(S11 , B , B)

Malus

Vererbungshierarchie



Aufrufstelle

f(S11 , S2, B)

Overload Set

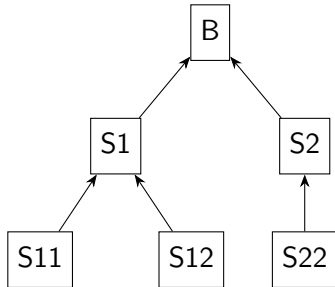
f(B , B , B)
 ↓ ↓ ↓
 2 1 0 $\Rightarrow \Sigma = 3$

f(S11 , B , int)
 ↓ ↓ ↓
 0 1 ∞ $\Rightarrow \Sigma = \infty$

f(S11 , B , B)

Malus

Vererbungshierarchie



Aufrufstelle

f(S11 , S2, B)

Overload Set

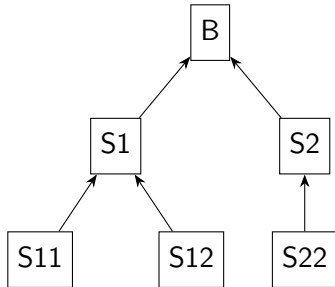
f(B , B , B)
 ↓ ↓ ↓
 2 1 0 $\Rightarrow \Sigma = 3$

f(S11 , B , int)
 ↓ ↓ ↓
 0 1 ∞ $\Rightarrow \Sigma = \infty$

f(S11 , B , B)
 ↓ ↓ ↓
 0 1 0 $\Rightarrow \Sigma = 1$

Malus

Vererbungshierarchie



Aufrufstelle

f(S11 , S2, B)

Overload Set

f(B , B , B)
 ↓ ↓ ↓
 2 1 0 $\Rightarrow \Sigma = 3$

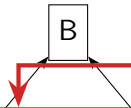
f(S11 , B , int)
 ↓ ↓ ↓
 0 1 ∞ $\Rightarrow \Sigma = \infty$

f(S11 , B , B)
 ↓ ↓ ↓
 0 1 0 $\Rightarrow \Sigma = 1$

Malus



Vererbungshierarchie



Wenn zwei Funktionen den gleichen Malus haben, so wirft der Übersetzer einen Fehler.

S11

S12

S22

Aufrufstelle

f(S11 , S2, B)

Overload Set

f(<div>S1</div>	,	<div>S2</div>	,	<div>B</div>)	
	↓		↓		↓		
	1		0		0		$\Rightarrow \Sigma = 1$

f(<div>S11</div>	,	<div>B</div>	,	<div>int</div>)	
	↓		↓		↓		
	0		1		∞		$\Rightarrow \Sigma = \infty$

f(<div>S11</div>	,	<div>B</div>	,	<div>B</div>)	
	↓		↓		↓		
	0		1		0		$\Rightarrow \Sigma = 1$