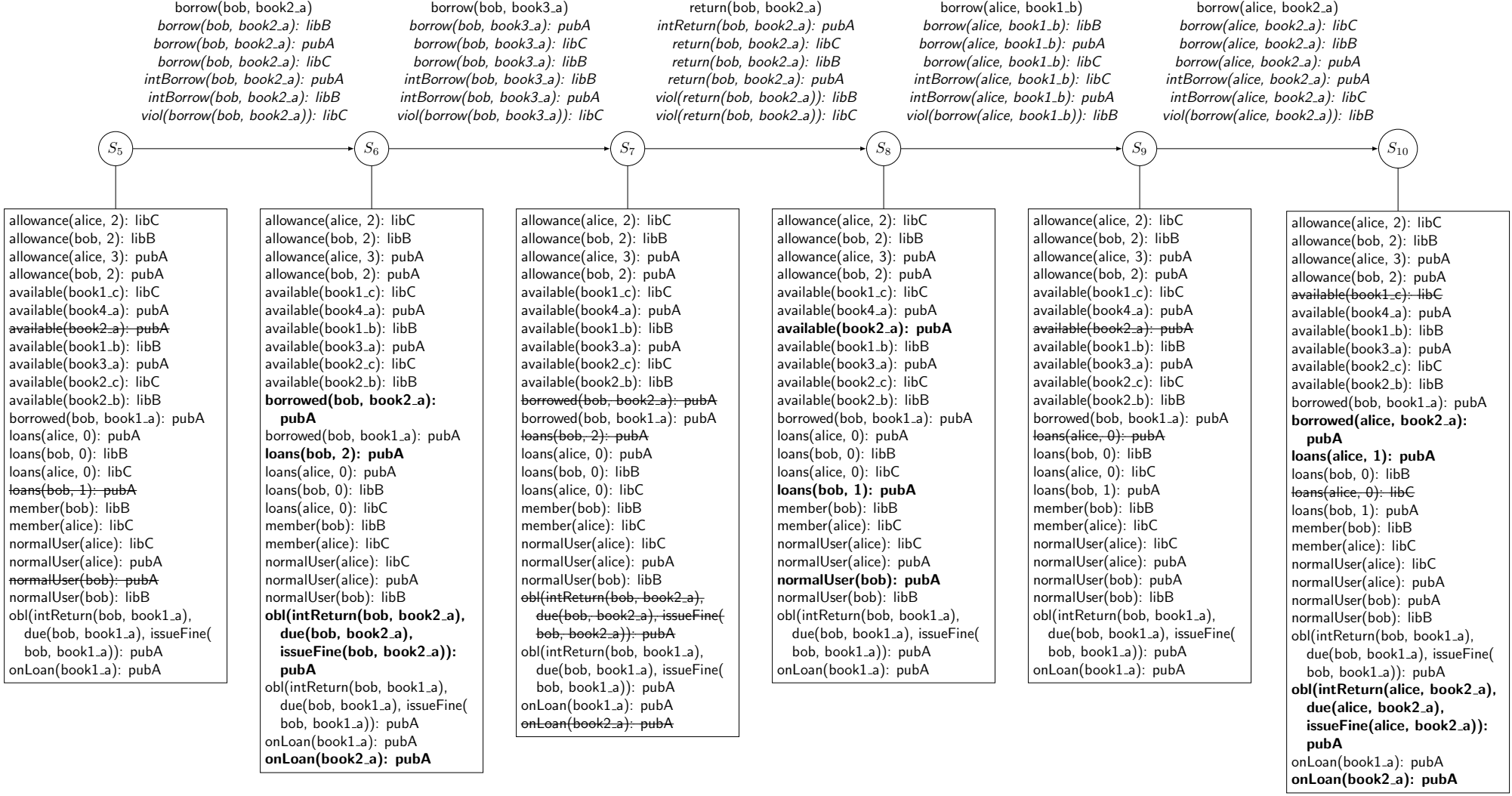
borrow(bob, book2_a)
borrow(bob, book2_a): libB
borrow(bob, book2_a): pubA
borrow(bob, book2_a): libC
intBorrow(bob, book2_a): pubA
intBorrow(bob, book2_a): libB
viol(borrow(bob, book2_a)): libC
borrow(bob, book3_a)
borrow(bob, book3_a): pubA
borrow(bob, book3_a): libC
borrow(bob, book3_a): libB
intBorrow(bob, book3_a): libB
intBorrow(bob, book3_a): pubA
viol(borrow(bob, book3_a)): libC
return(bob, book2_a)
intReturn(bob, book2_a): pubA
return(bob, book2_a): libC
return(bob, book2_a): libB
return(bob, book2_a): pubA
viol(return(bob, book2_a)): libB
viol(return(bob, book2_a)): libC
borrow(alice, book1_b)
borrow(alice, book1_b): libB
borrow(alice, book1_b): pubA
borrow(alice, book1_b): libC
intBorrow(alice, book1_b): libC
intBorrow(alice, book1_b): pubA
viol(borrow(alice, book1_b)): libB
borrow(alice, book2_a)
borrow(alice, book2_a): libC
borrow(alice, book2_a): libB
borrow(alice, book2_a): pubA
intBorrow(alice, book2_a): pubA
intBorrow(alice, book2_a): libC
viol(borrow(alice, book2_a)): libB
S_5
S_6
S_7
S_8
S_9
S_{10}
allowance(alice, 2): libC
allowance(bob, 2): libB
allowance(alice, 3): pubA
allowance(bob, 2): pubA
available(book1_c): libC
available(book4_a): pubA
~~available(book2_a): pubA~~
available(book1_b): libB
available(book3_a): pubA
available(book2_c): libC
available(book2_b): libB
borrowed(bob, book1_a): pubA
loans(alice, 0): pubA
loans(bob, 0): libB
loans(alice, 0): libC
~~loans(bob, 1): pubA~~
member(bob): libB
member(alice): libC
normalUser(alice): libC
normalUser(alice): pubA
~~normalUser(bob): pubA~~
normalUser(bob): libB
obl(intReturn(bob, book1_a), due(bob, book1_a), issueFine(bob, book1_a)): pubA
onLoan(book1_a): pubA
allowance(alice, 2): libC
allowance(bob, 2): libB
allowance(alice, 3): pubA
allowance(bob, 2): pubA
available(book1_c): libC
available(book4_a): pubA
available(book1_b): libB
available(book3_a): pubA
available(book2_c): libC
available(book2_b): libB
borrowed(bob, book2_a): pubA
borrowed(bob, book1_a): pubA
loans(bob, 2): pubA
loans(alice, 0): pubA
loans(bob, 0): libB
loans(alice, 0): libC
member(bob): libB
member(alice): libC
normalUser(alice): libC
normalUser(alice): pubA
normalUser(bob): libB
obl(intReturn(bob, book2_a), due(bob, book2_a), issueFine(bob, book2_a)): pubA
obl(intReturn(bob, book1_a), due(bob, book1_a), issueFine(bob, book1_a)): pubA
onLoan(book1_a): pubA
onLoan(book2_a): pubA
allowance(alice, 2): libC
allowance(bob, 2): libB
allowance(alice, 3): pubA
allowance(bob, 2): pubA
available(book1_c): libC
available(book4_a): pubA
available(book1_b): libB
available(book3_a): pubA
available(book2_c): libC
available(book2_b): libB
~~borrowed(bob, book2_a): pubA~~
borrowed(bob, book1_a): pubA
~~loans(bob, 2): pubA~~
loans(alice, 0): pubA
loans(bob, 0): libB
loans(alice, 0): libC
member(bob): libB
member(alice): libC
normalUser(alice): libC
normalUser(alice): pubA
normalUser(bob): libB
~~obl(intReturn(bob, book2_a), due(bob, book2_a), issueFine(bob, book2_a)): pubA~~
obl(intReturn(bob, book1_a), due(bob, book1_a), issueFine(bob, book1_a)): pubA
onLoan(book1_a): pubA
~~onLoan(book2_a): pubA~~
allowance(alice, 2): libC
allowance(bob, 2): libB
allowance(alice, 3): pubA
allowance(bob, 2): pubA
available(book1_c): libC
available(book4_a): pubA
available(book2_a): pubA
available(book1_b): libB
available(book3_a): pubA
available(book2_c): libC
available(book2_b): libB
borrowed(bob, book1_a): pubA
loans(alice, 0): pubA
loans(bob, 0): libB
loans(alice, 0): libC
loans(bob, 1): pubA
member(bob): libB
member(alice): libC
normalUser(alice): libC
normalUser(alice): pubA
normalUser(bob): pubA
normalUser(bob): libB
obl(intReturn(bob, book1_a), due(bob, book1_a), issueFine(bob, book1_a)): pubA
onLoan(book1_a): pubA
allowance(alice, 2): libC
allowance(bob, 2): libB
allowance(alice, 3): pubA
allowance(bob, 2): pubA
available(book1_c): libC
available(book4_a): pubA
~~available(book2_a): pubA~~
available(book1_b): libB
available(book3_a): pubA
available(book2_c): libC
available(book2_b): libB
borrowed(bob, book1_a): pubA
~~loans(alice, 0): pubA~~
loans(bob, 0): libB
loans(alice, 0): libC
loans(bob, 1): pubA
member(bob): libB
member(alice): libC
normalUser(alice): libC
normalUser(alice): pubA
normalUser(bob): pubA
normalUser(bob): libB
obl(intReturn(bob, book1_a), due(bob, book1_a), issueFine(bob, book1_a)): pubA
onLoan(book1_a): pubA
allowance(alice, 2): libC
allowance(bob, 2): libB
allowance(alice, 3): pubA
allowance(bob, 2): pubA
~~available(book1_c): libC~~
available(book4_a): pubA
available(book1_b): libB
available(book3_a): pubA
available(book2_c): libC
available(book2_b): libB
borrowed(bob, book1_a): pubA
borrowed(alice, book2_a): pubA
loans(alice, 1): pubA
loans(bob, 0): libB
~~loans(alice, 0): libC~~
loans(bob, 1): pubA
member(bob): libB
member(alice): libC
normalUser(alice): libC
normalUser(alice): pubA
normalUser(bob): pubA
normalUser(bob): libB
obl(intReturn(bob, book1_a), due(bob, book1_a), issueFine(bob, book1_a)): pubA
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onLoan(book1_a): pubA
onLoan(book2_a): pubA