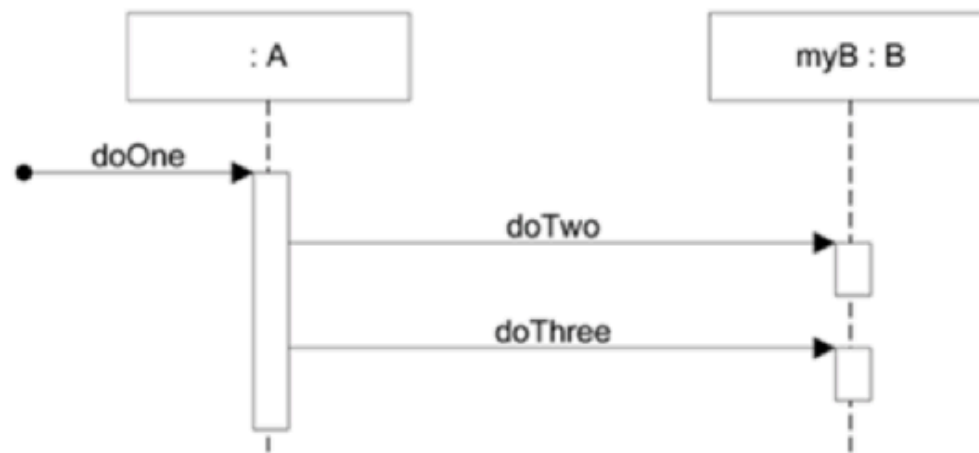


Sequence Diagrams

Figure 15.1. Sequence diagram.

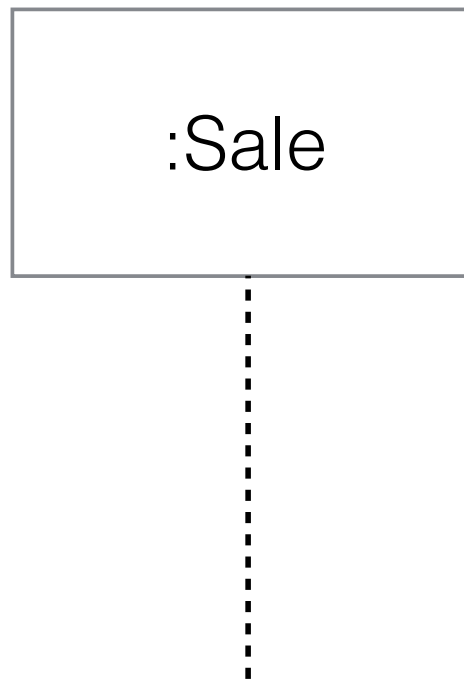


How can we turn this into code?

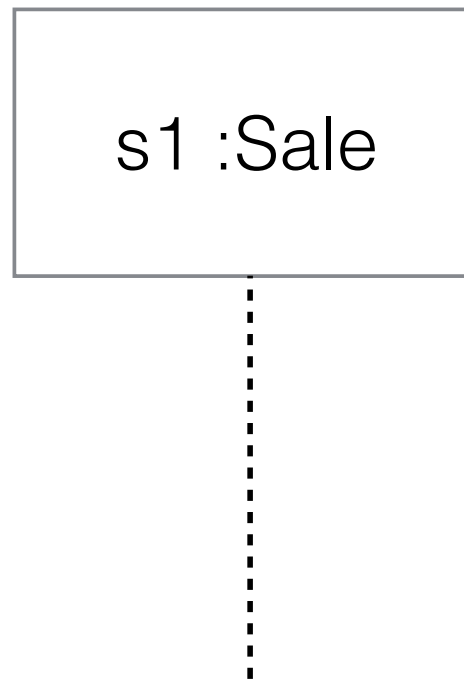
Why interaction diagram is important?

WHY?

Notations - Life line box



Notations - Life line box



Notations - Life line box



A rectangular box with a thin black border, containing two lines of text. The first line is "sales :" and the second line is "ArrayList<Sale>". A vertical dashed line extends downwards from the bottom center of the box.

```
sales :  
ArrayList<Sale>
```

Notations - Life line box



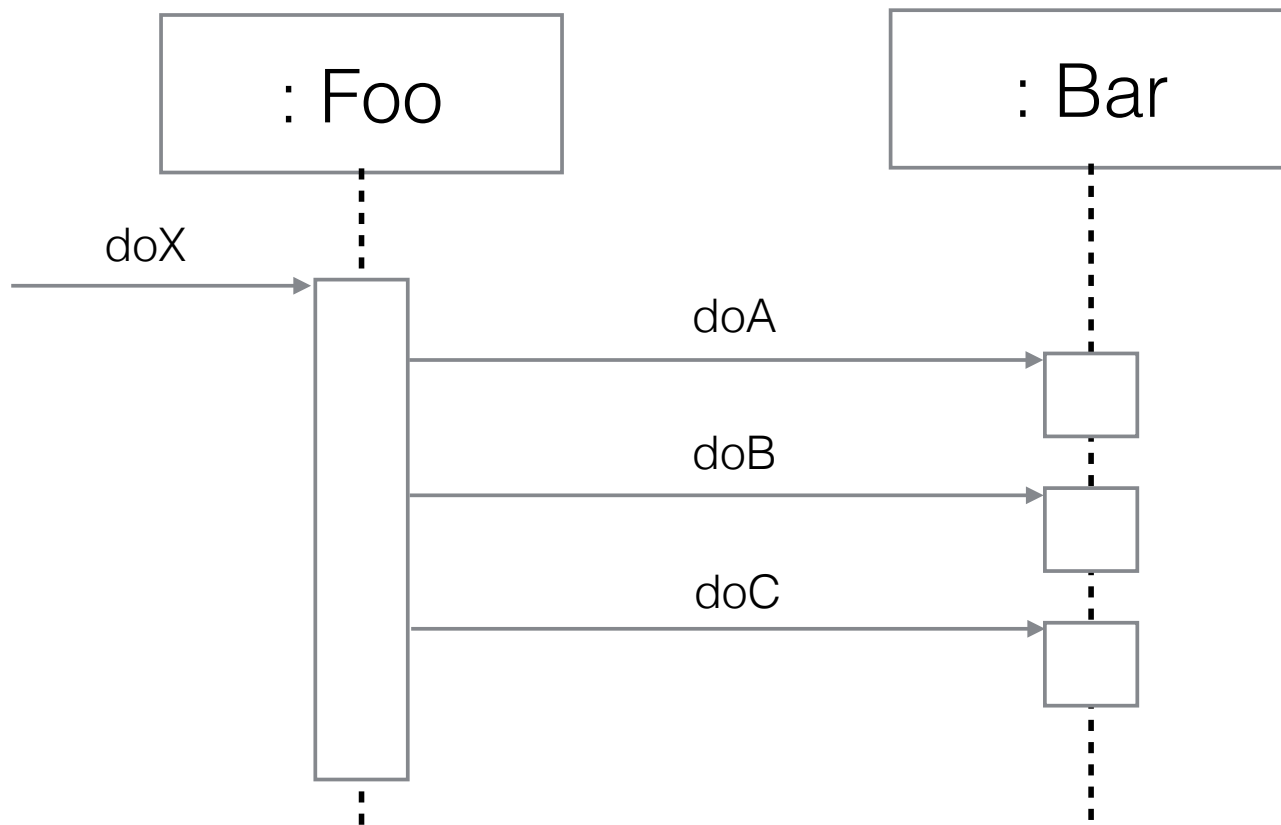
A UML Life Line box notation consisting of a rectangular box with a thin black border. Inside the box, the text "sales[i] : Sale" is centered. A vertical dashed line extends downwards from the bottom center of the box.

sales[i] : Sale

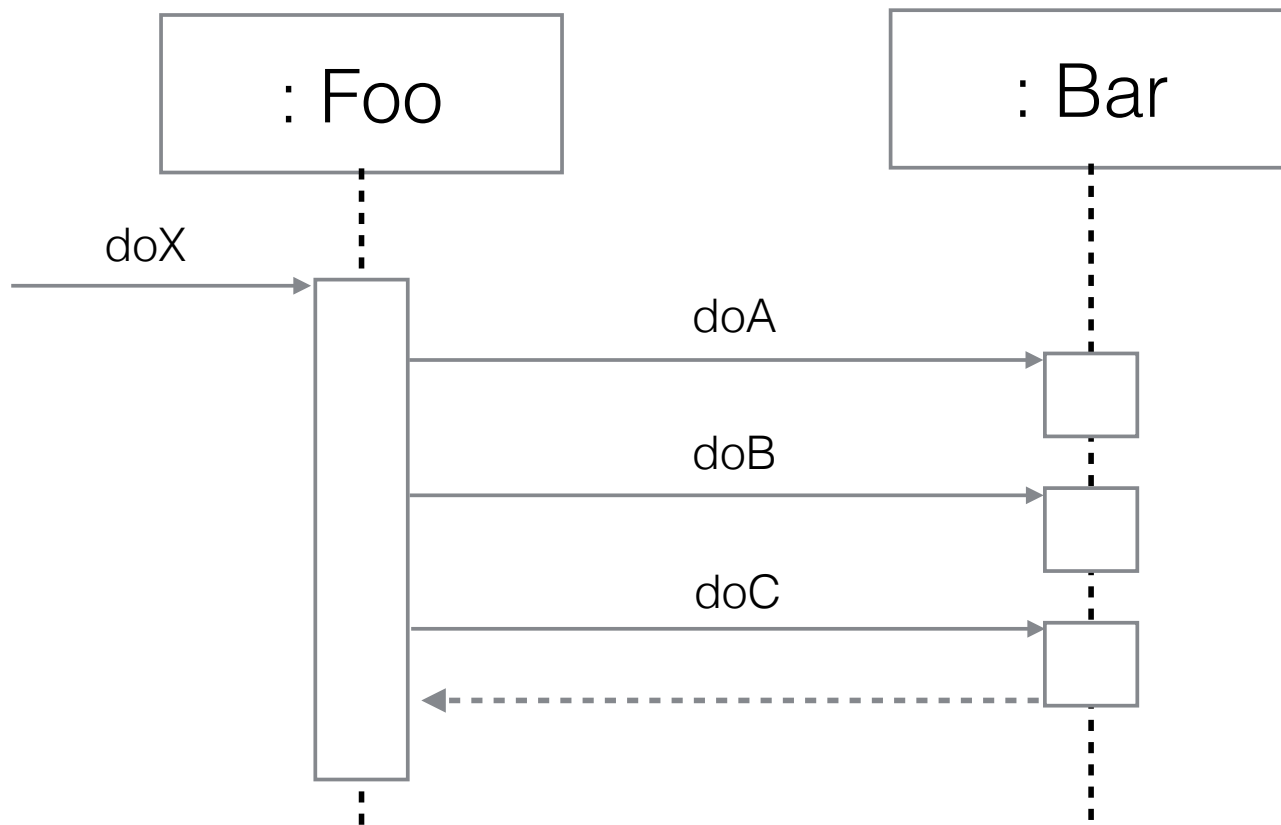
Notations - Singleton



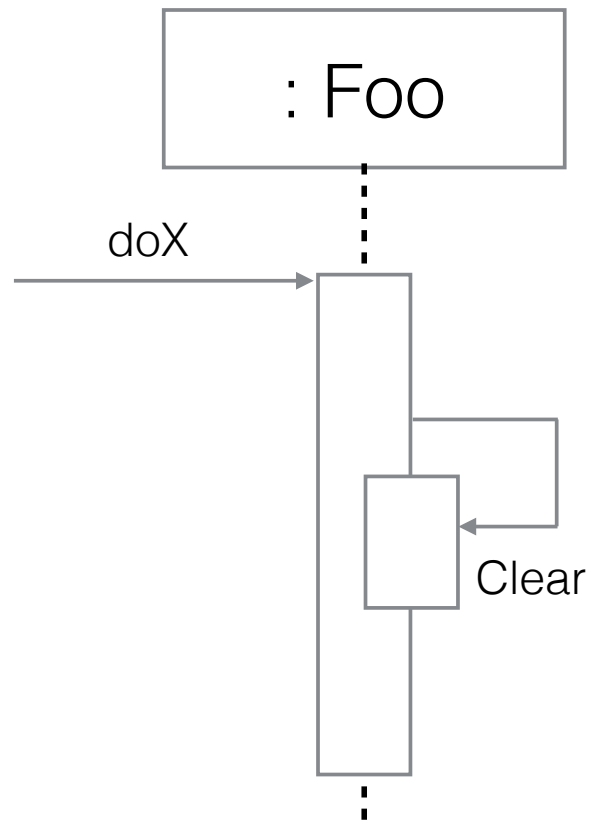
Notations - Message



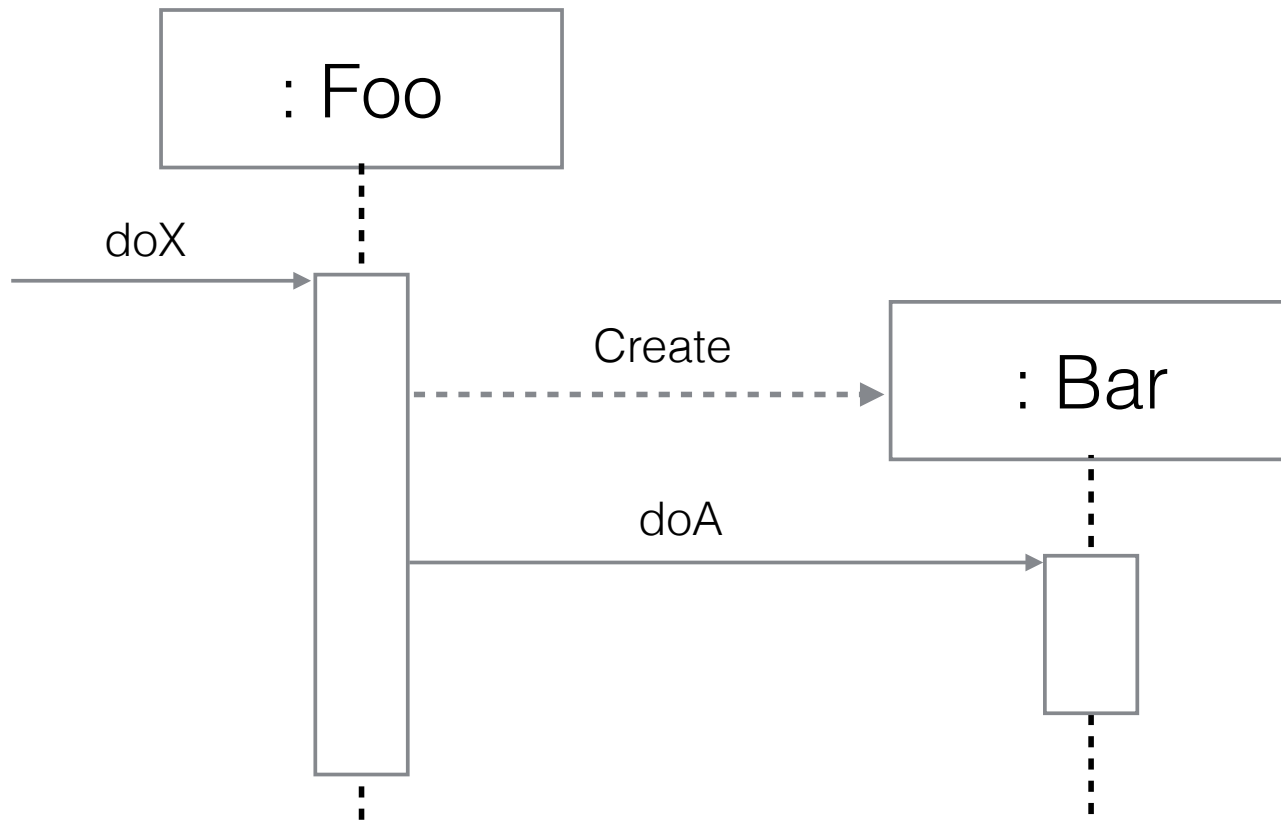
Notations - Returns



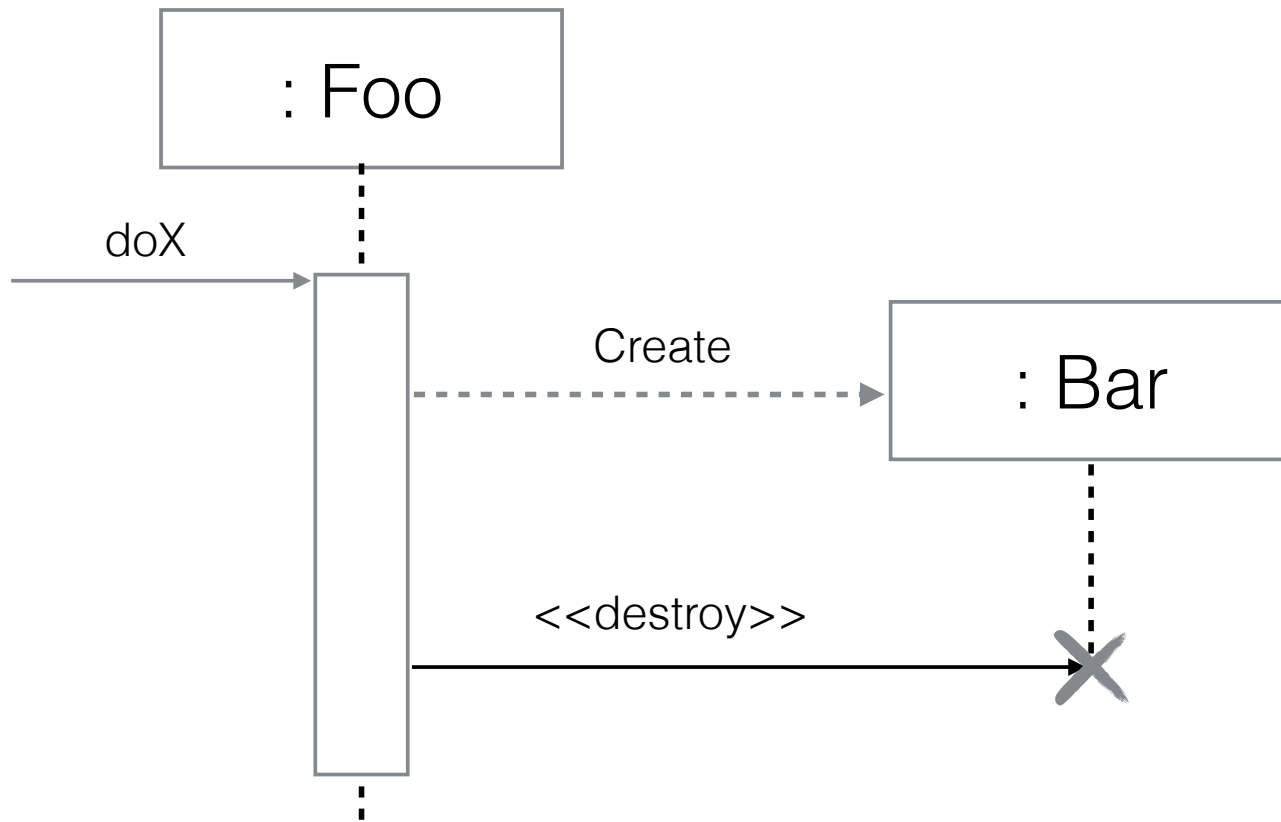
Notations - self/this



Notations - Creation



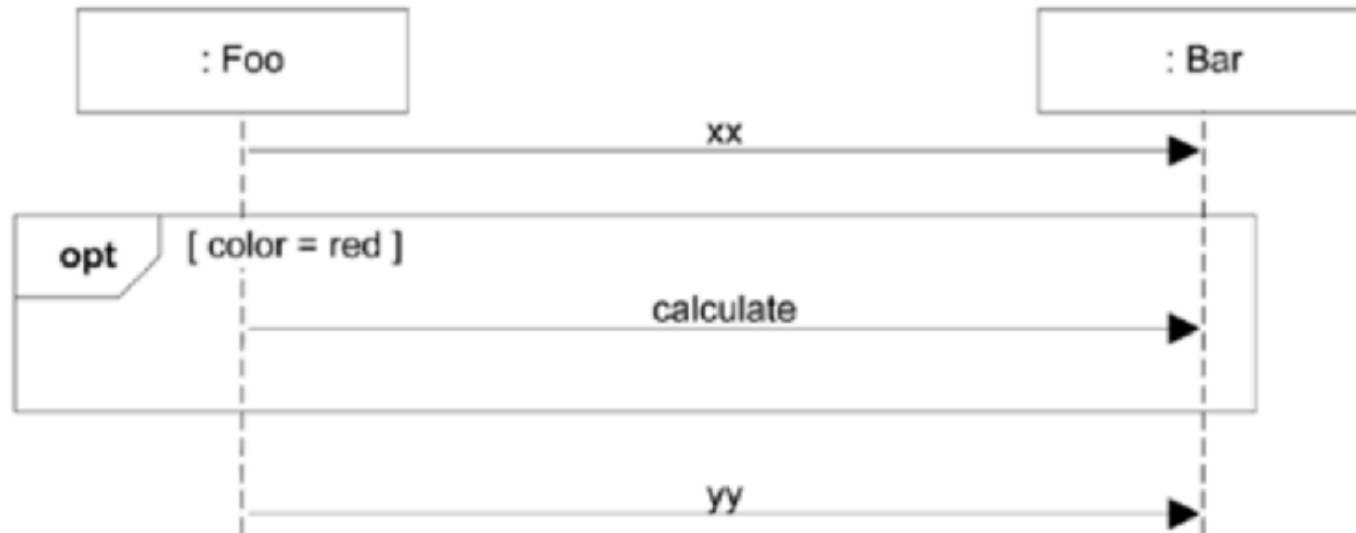
Notations - Termination



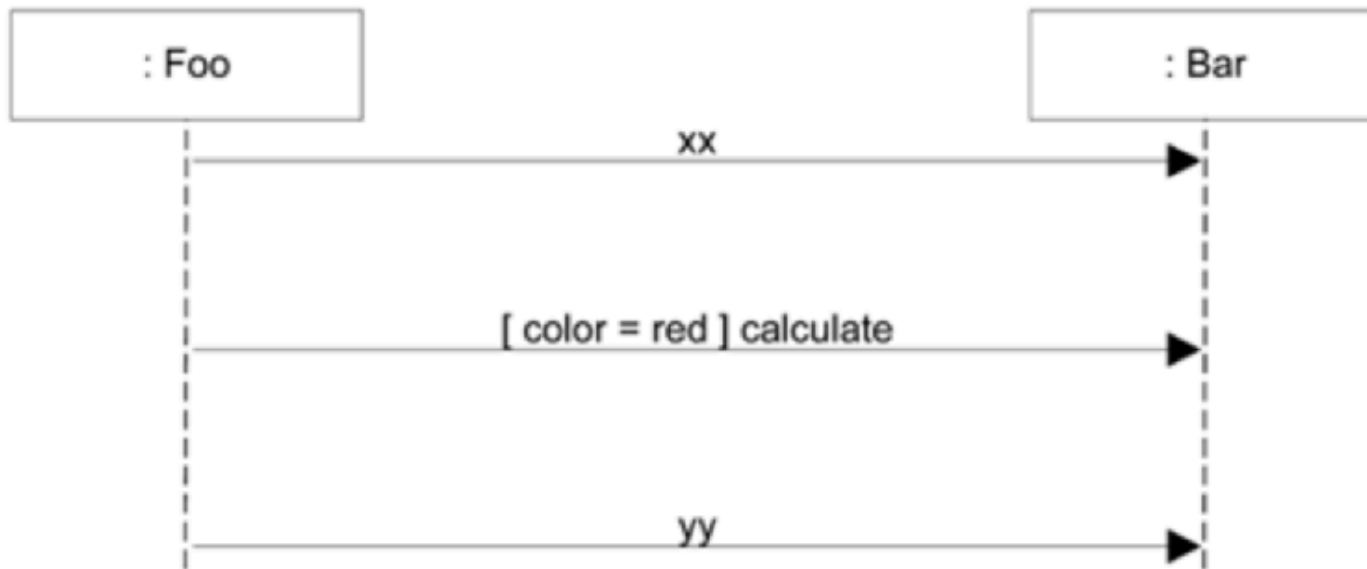
Notations - Loop



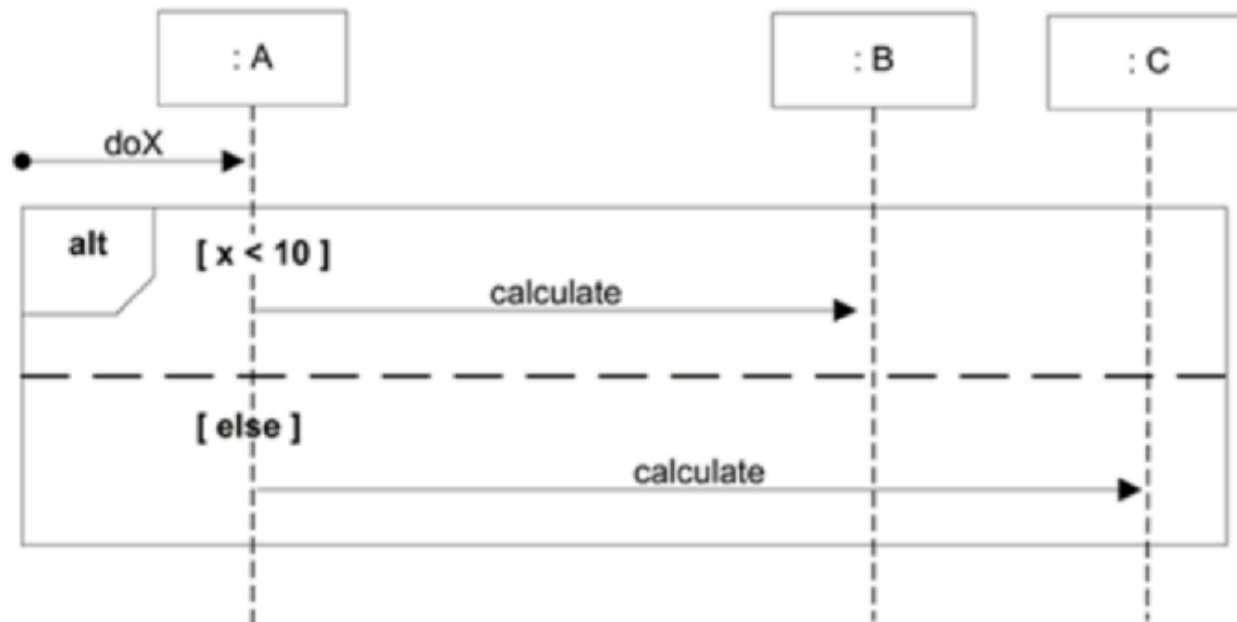
Notations - Conditional



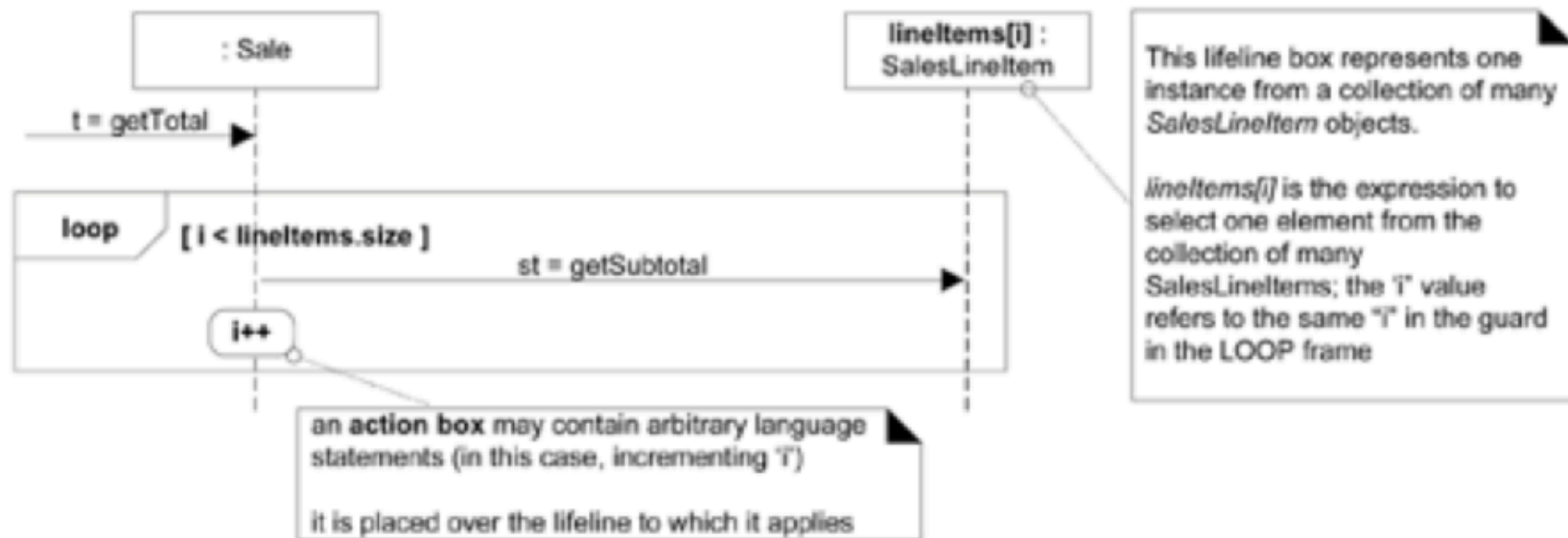
Notations - Conditional (2)



Notations - Conditional (3)



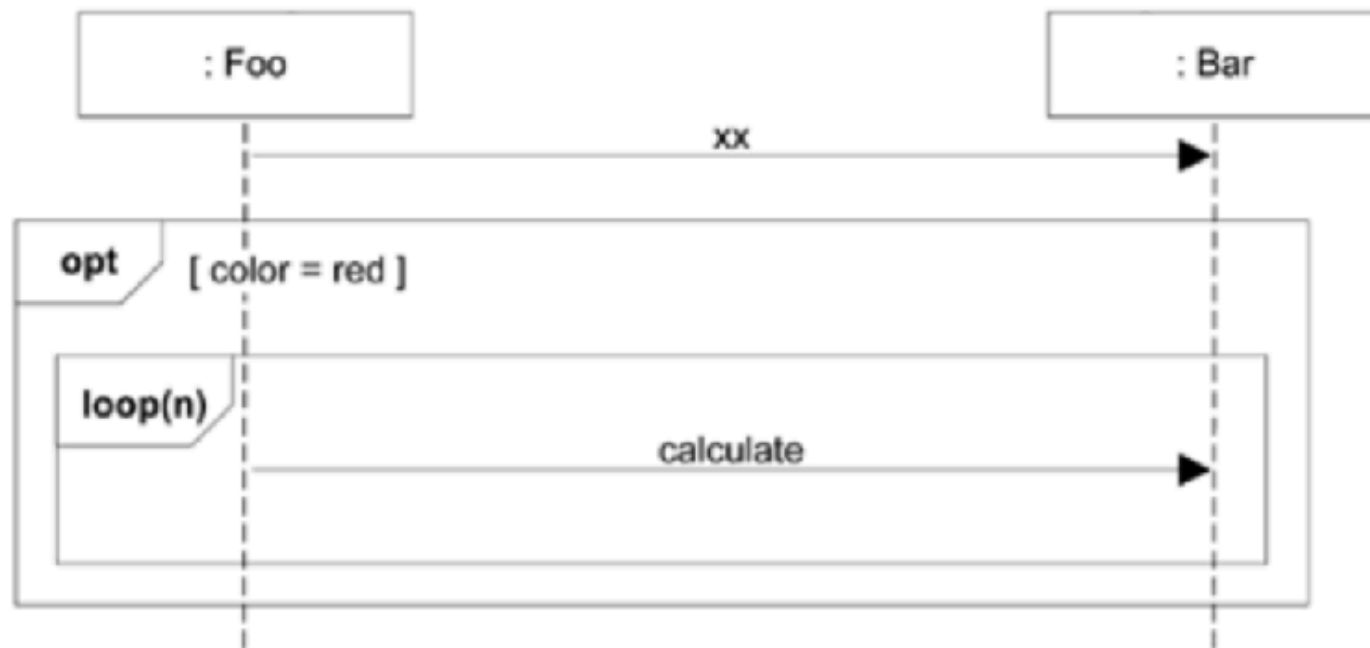
Notations - Iteration



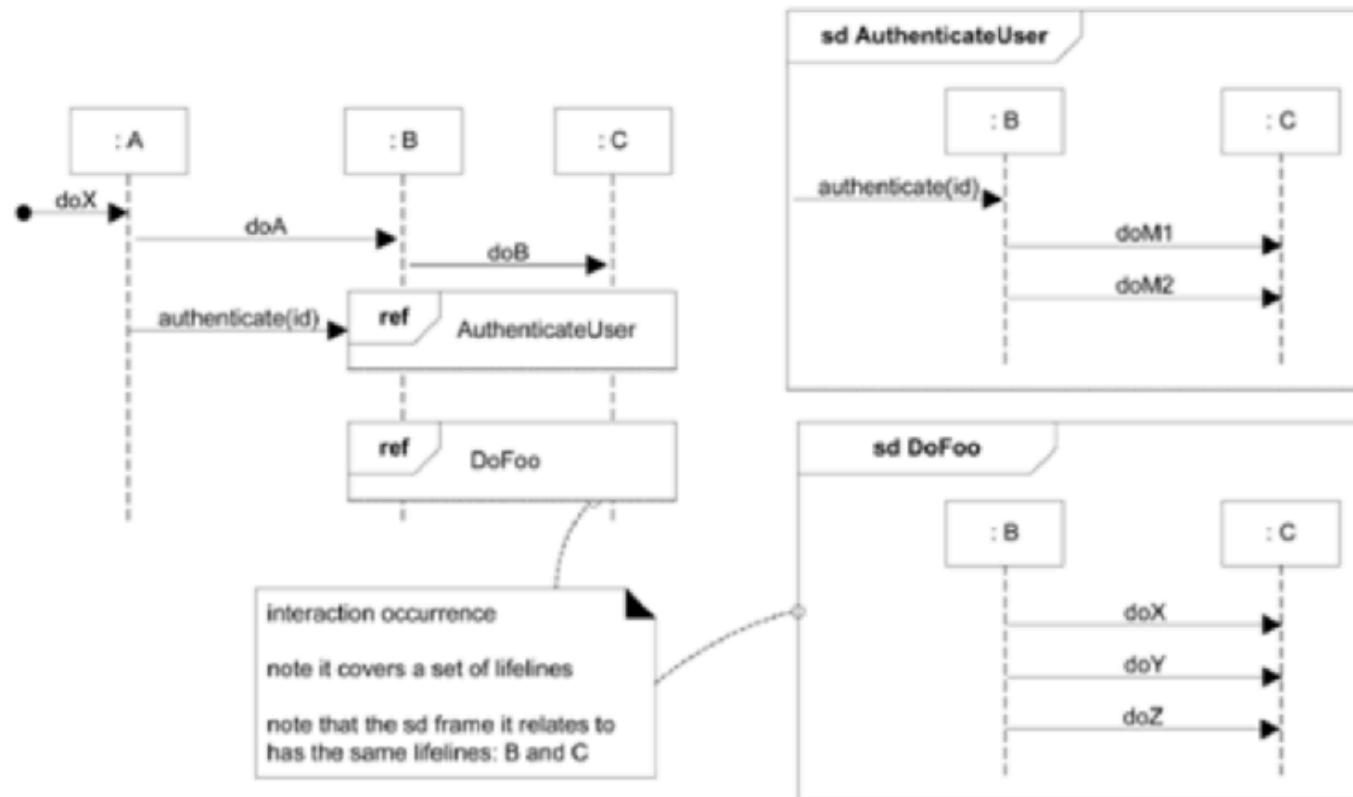
Notations - Iteration (2)



Notations - Nesting



Notations - Reference



Notations - Static method

