

6 Identifying functionality: CRC cards and interaction diagrams

Learning outcomes

The material and exercises in this chapter will enable you to:

- Describe the role of CRC cards in identifying responsibilities and allocating them to classes
- Identify separate operations within a class responsibility
- Explain the purpose of interaction diagrams
- Draw a simple sequence diagram
- Draw a simple collaboration diagram
- Write a process specification to describe the functionality delivered by an operation.

Key words you will find in the glossary:

- algorithm
- class-responsibility-collaboration (CRC) card
- collaboration
- collaboration diagram
- constructor
- decision table
- decision tree
- interaction diagram
- lifeline
- message
- multiobject
- object activation
- operation specification
- package
- reflexive message
- responsibility
- return
- scenario
- sequence diagram
- signature