2008 Spring

Software Special Development 1

Lesson 5
- OSP Stage 2050 Construct

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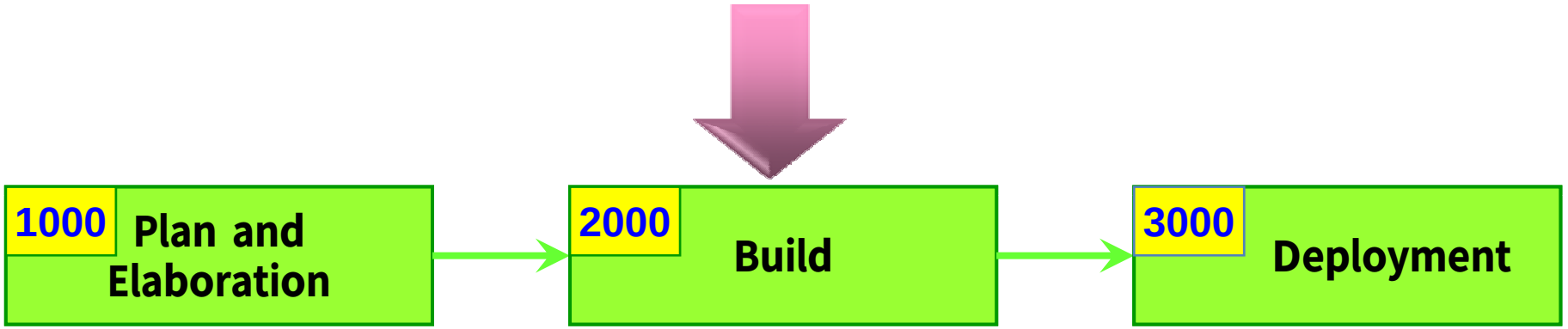
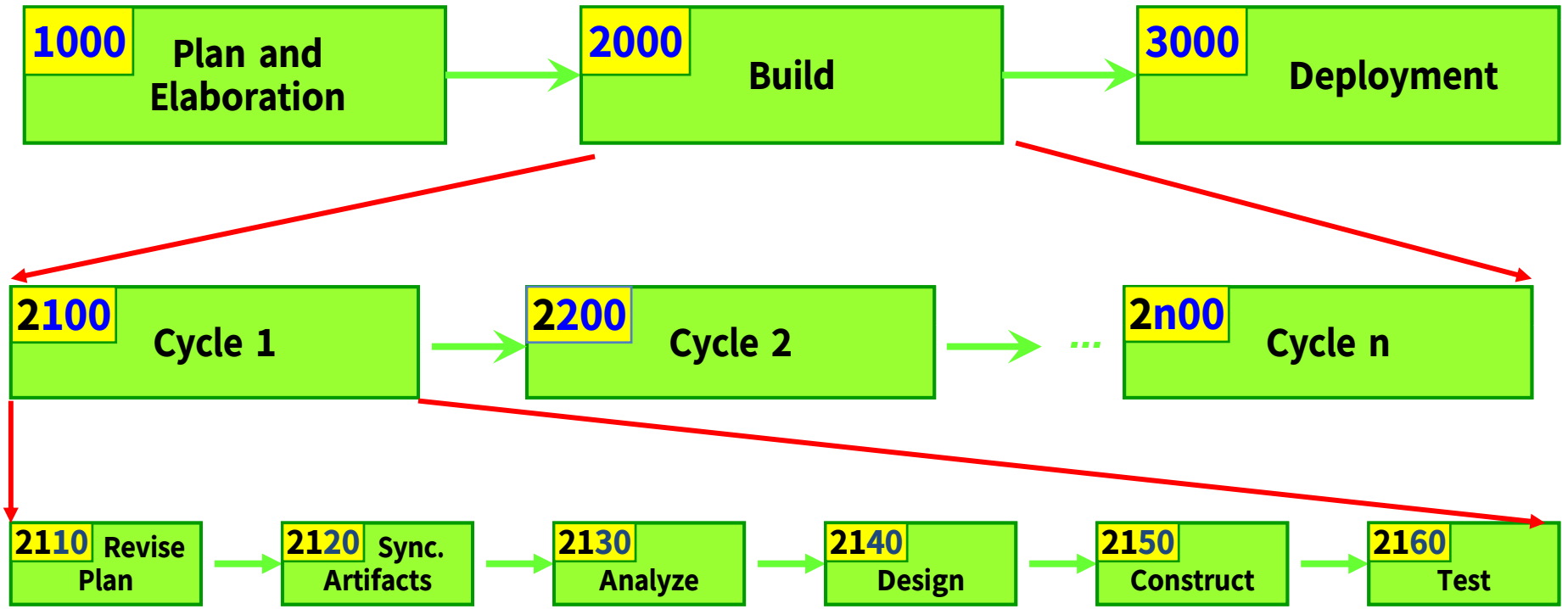
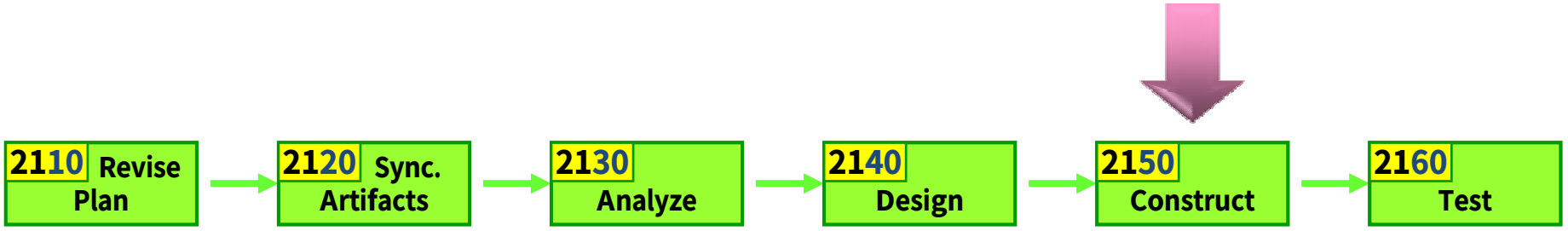
Stage 2000.
Build



6 Phases of 'Build' Stage

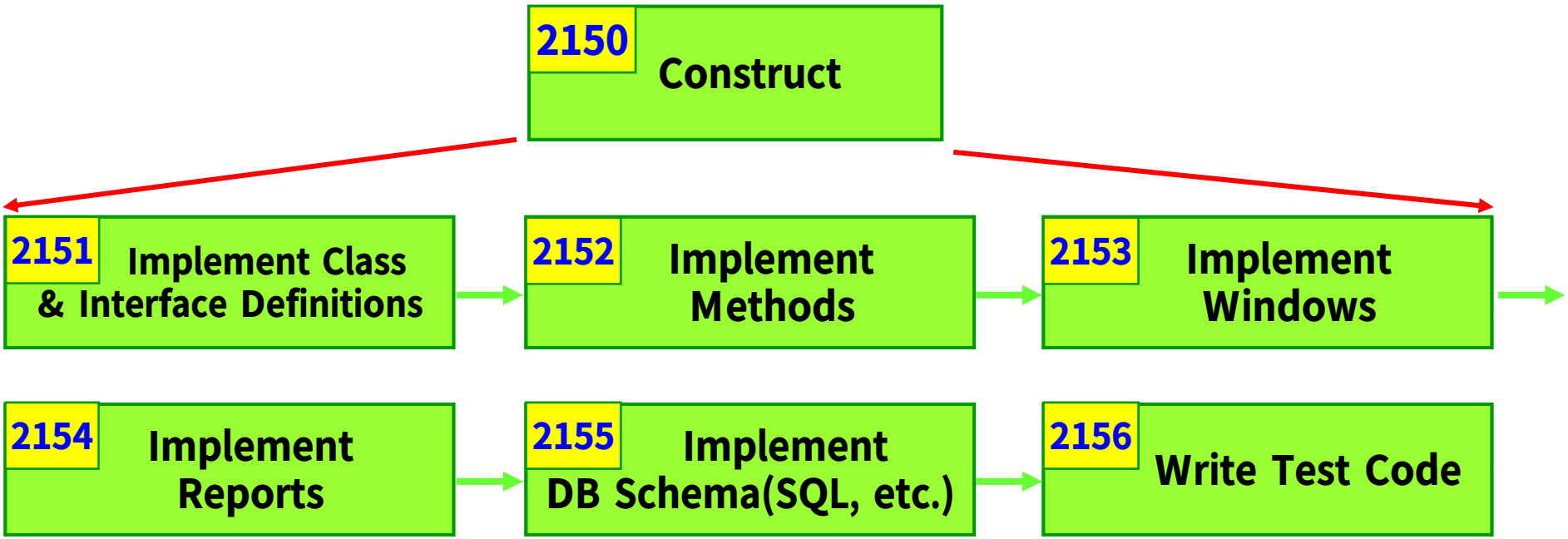


Phase 2050.
Construct

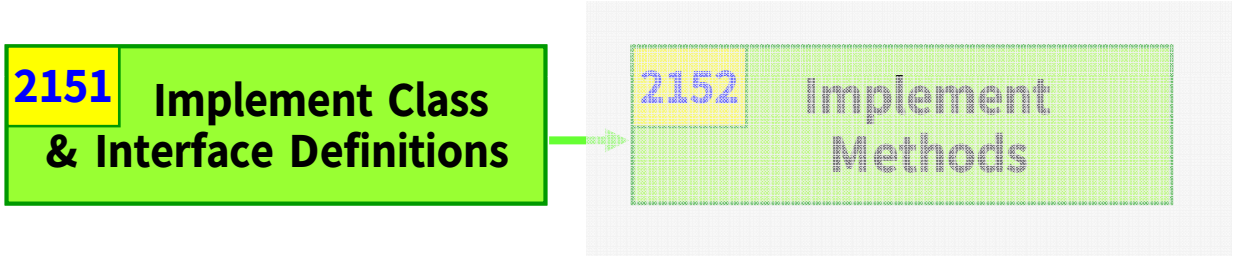


Phase 2050. Construct

- Phase 2050 Activities



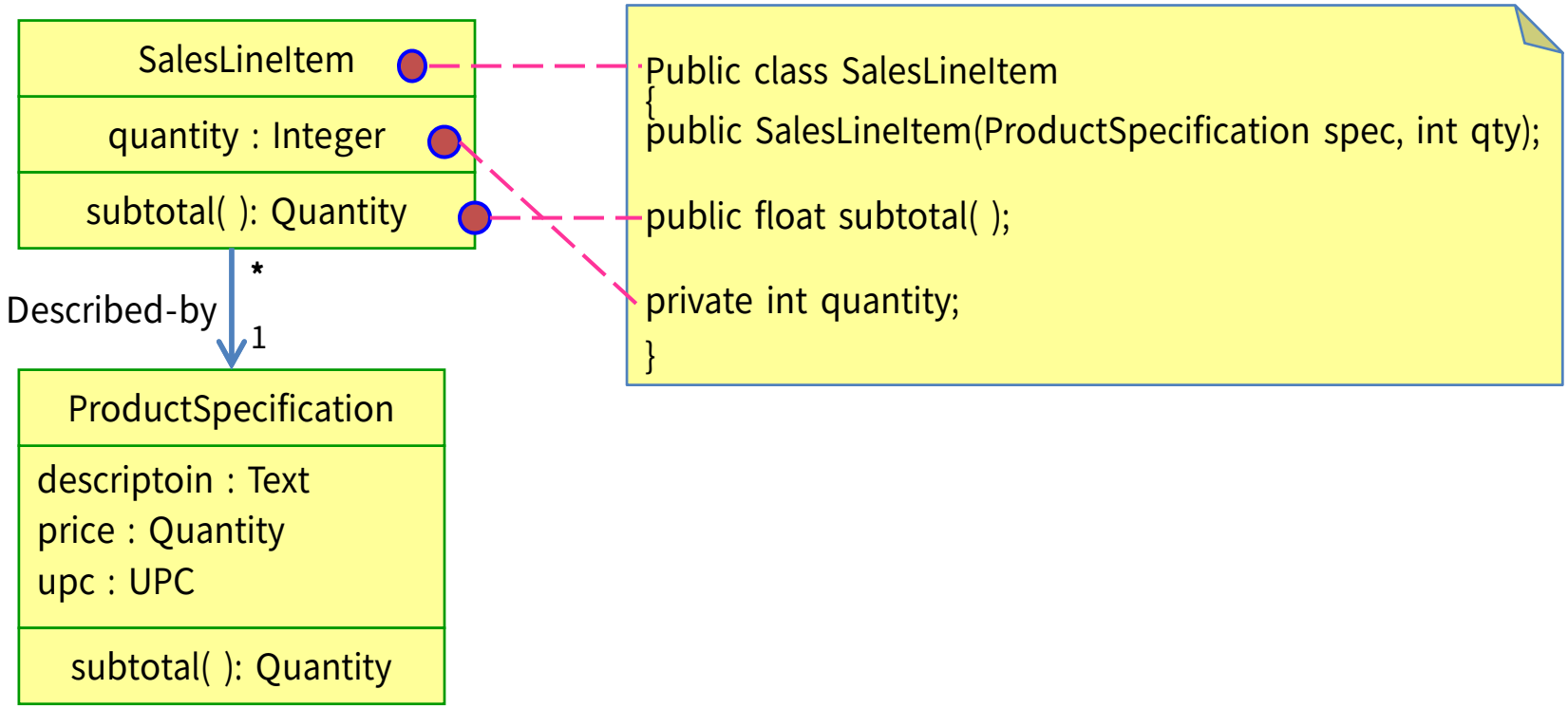
Activity 2051.
Implement Class & Interface Definitions



- Description
  - Implement class and interface definitions
- Input
  - Design Class Diagram
- Output
  - Class and Interface Definitions

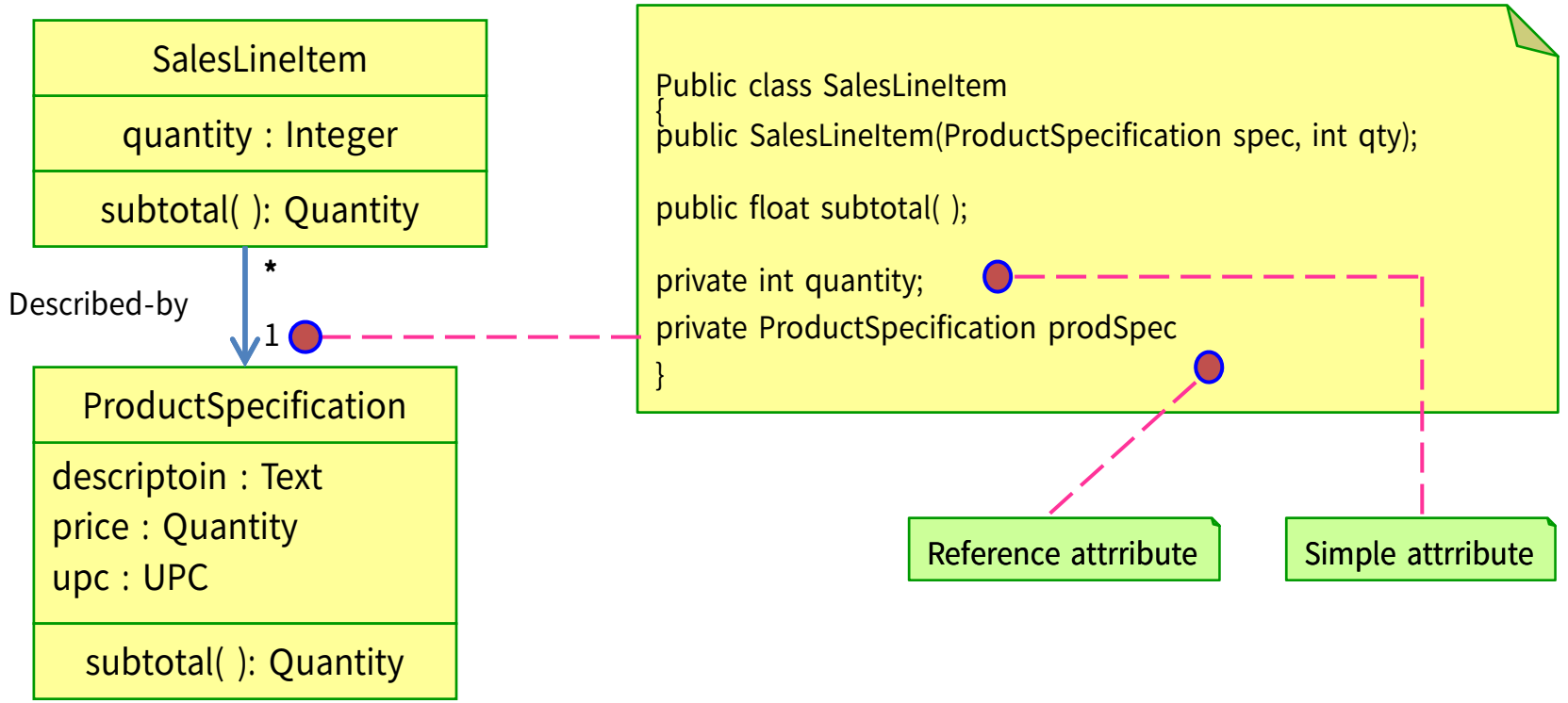
Activity 2051.
Implement Class & Interface Definitions

- Steps
  1. Create class definitions from design class diagrams
     - Define a class with methods and simple attributes



Activity 2051.
Implement Class & Interface Definitions

2. Add reference attributes
   - Reference attributes of a class are defined as associations and navigability in a class
3. Map role name into the name of reference attribute

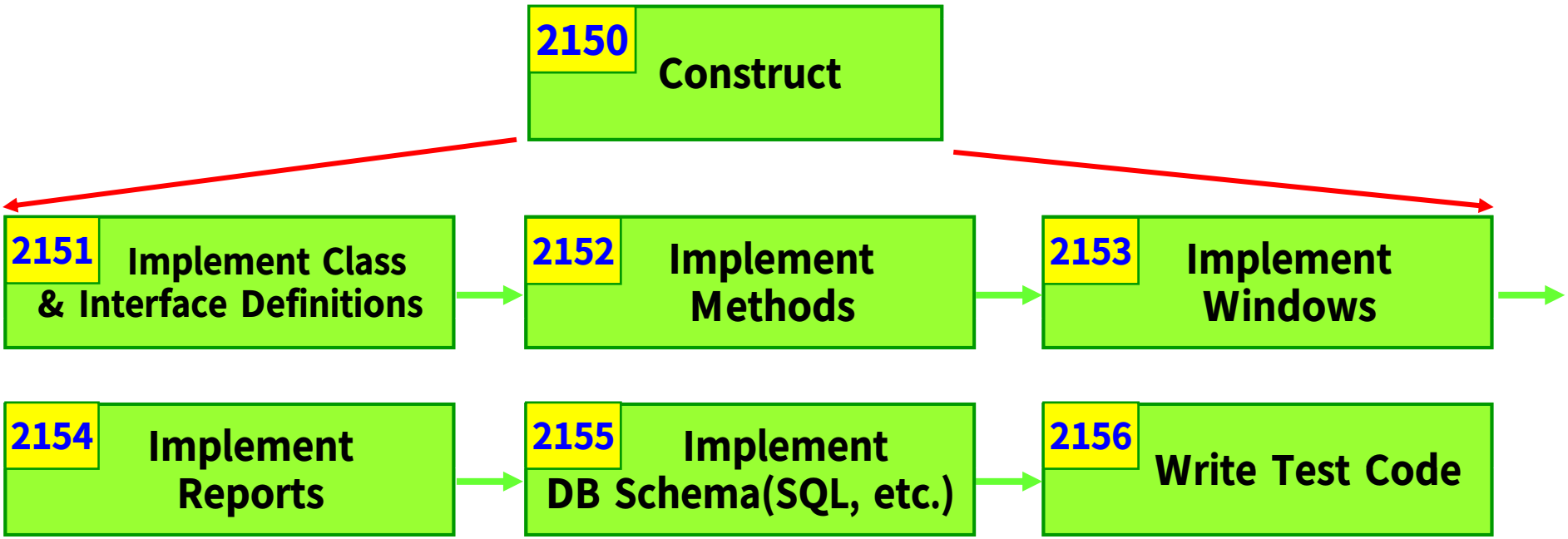


Activity 2052. Implement methods

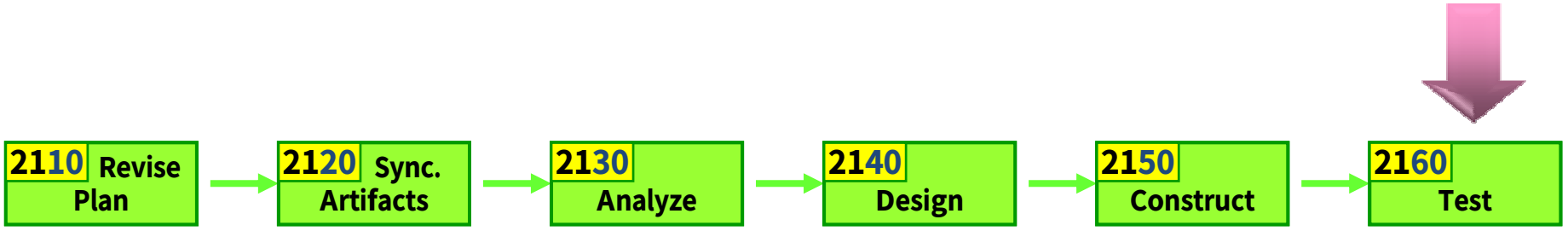
- Description
  - Implement internal logics of each method
- Input
  - Design Class Diagram
  - Interaction Diagram
  - Class and Interface Definitions
- Output
  - Source code

Phase 2050. Construct

- Phase 2050 Activities

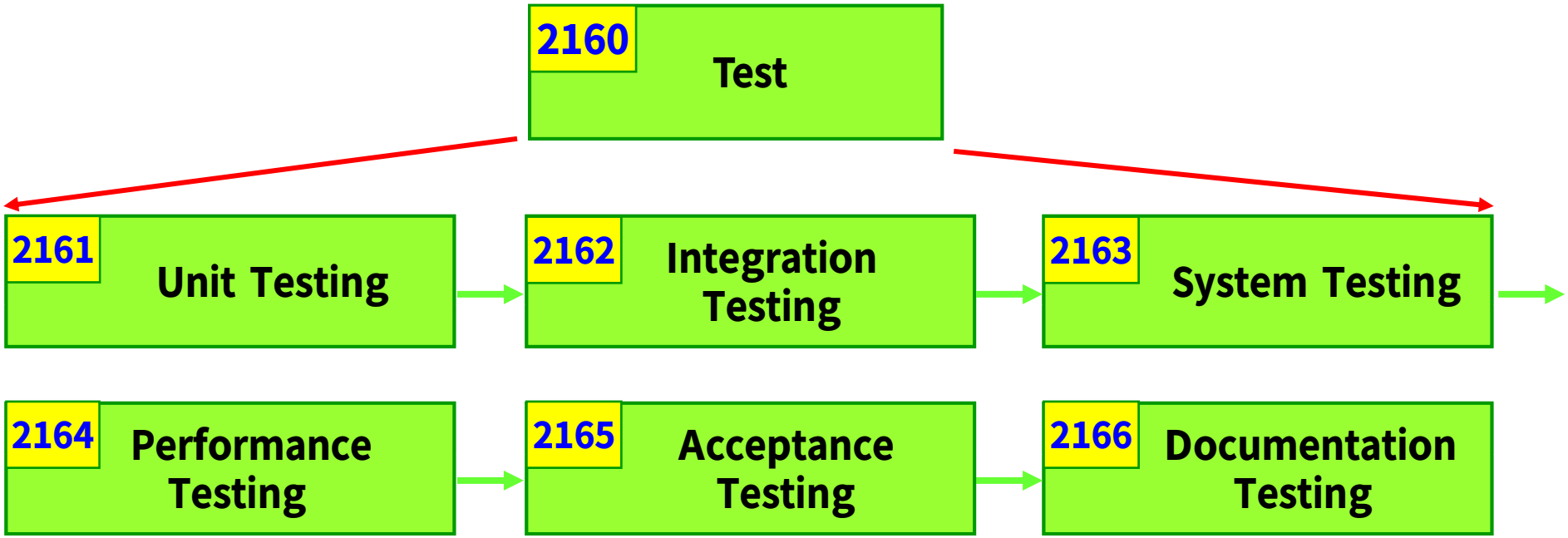


Phase 2060.
Test



Phase 2060. Test

- Phase 2060 Activities



Summary

- What is the objective of OSP stage 2050 Construct?
- What is the objective of OSP stage 2060 Test?