

Mobile Tools for Java

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v. 1.6



Application Development Process

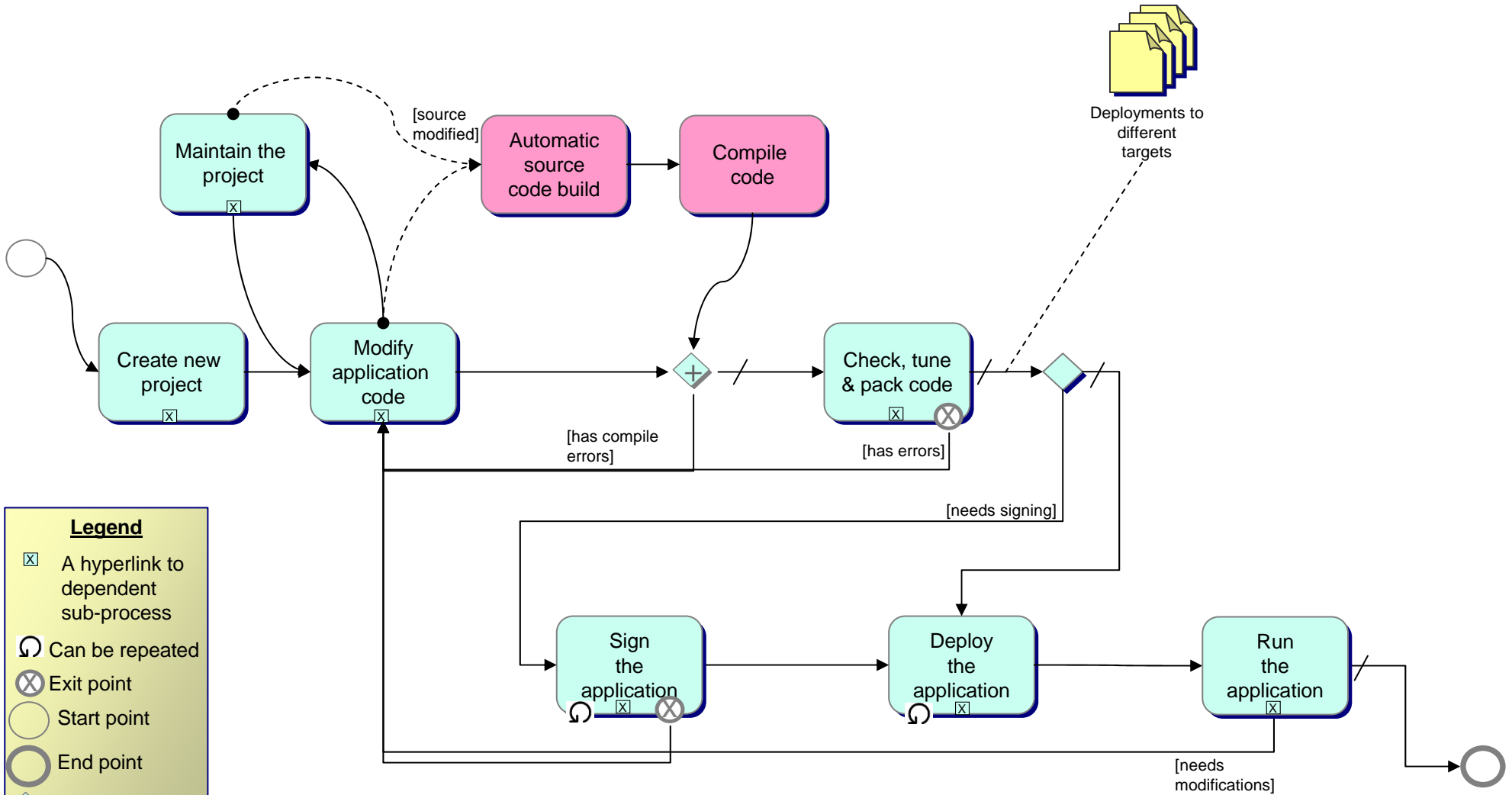
Process Descriptions



Mobile application development process

- Following slides present the current Use Cases in a form of development process.
- The process ties up the main Use Cases and provides a detail drill-down to actual services.

Application Development Main Process

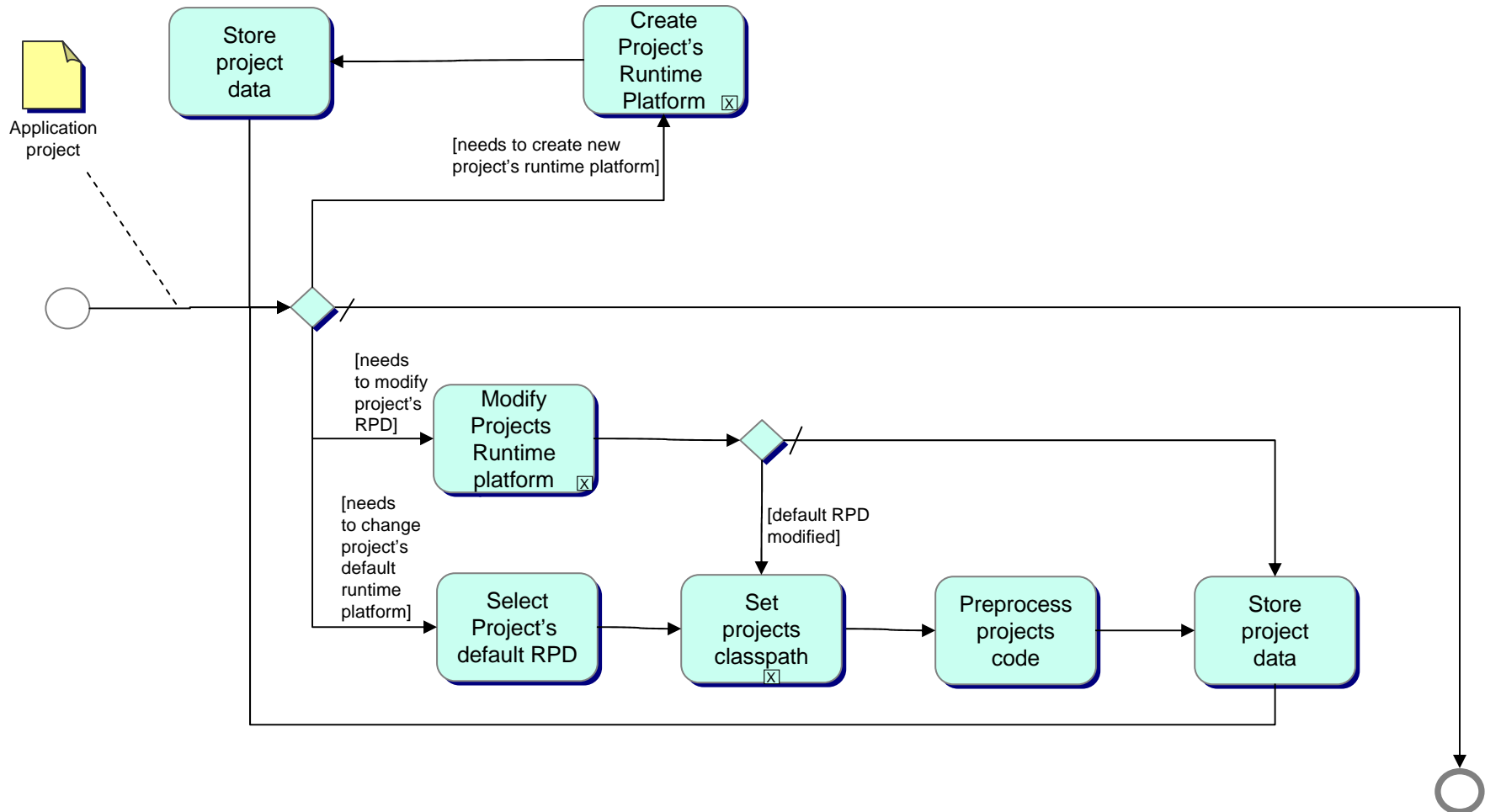


Legend

- ☒ A hyperlink to dependent sub-process
- ↻ Can be repeated
- ⊗ Exit point
- Start point
- ⊙ End point
- ⊕ Combines flows
- ◇ Decision point

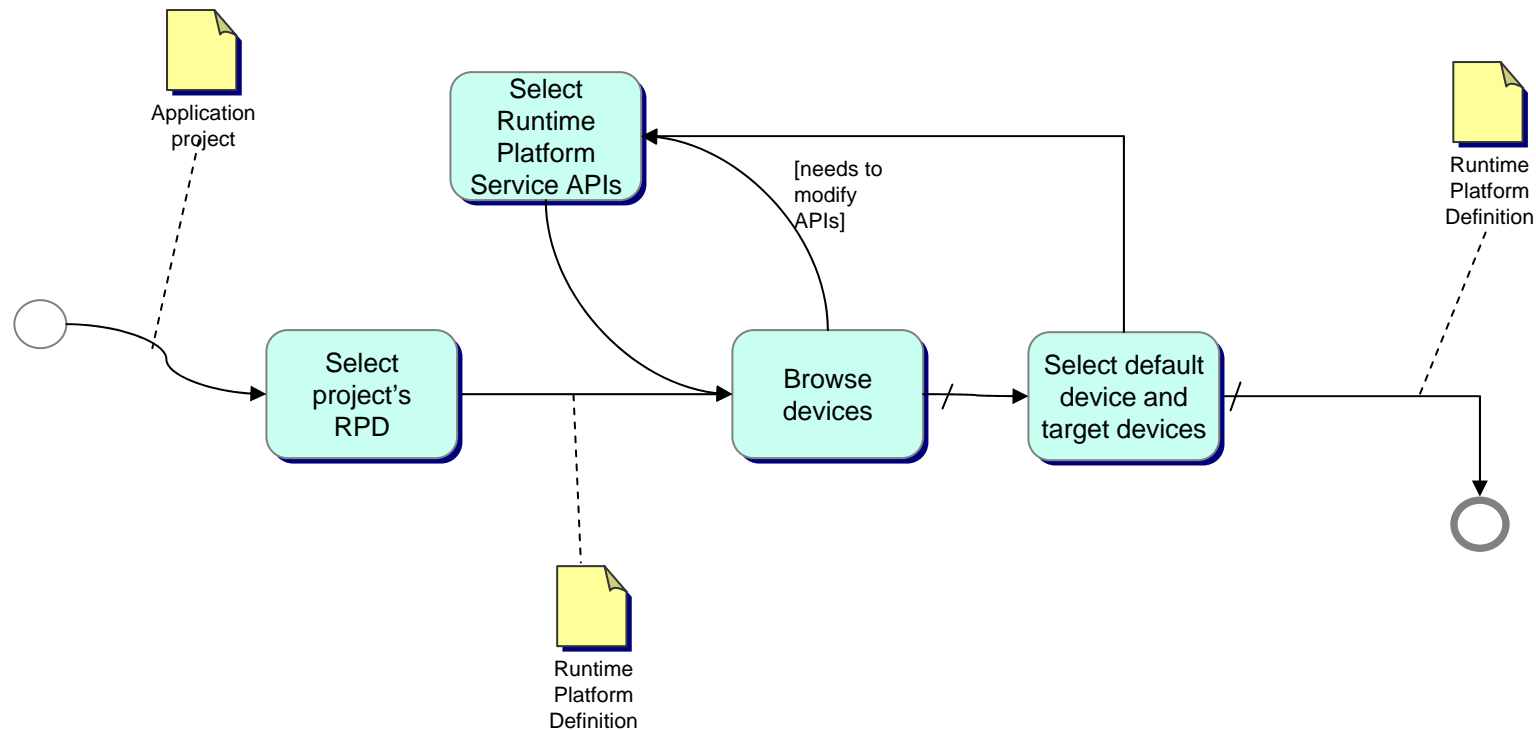
SubProcess - Maintain the project

Legend:
RPD = Runtime Platform Definition



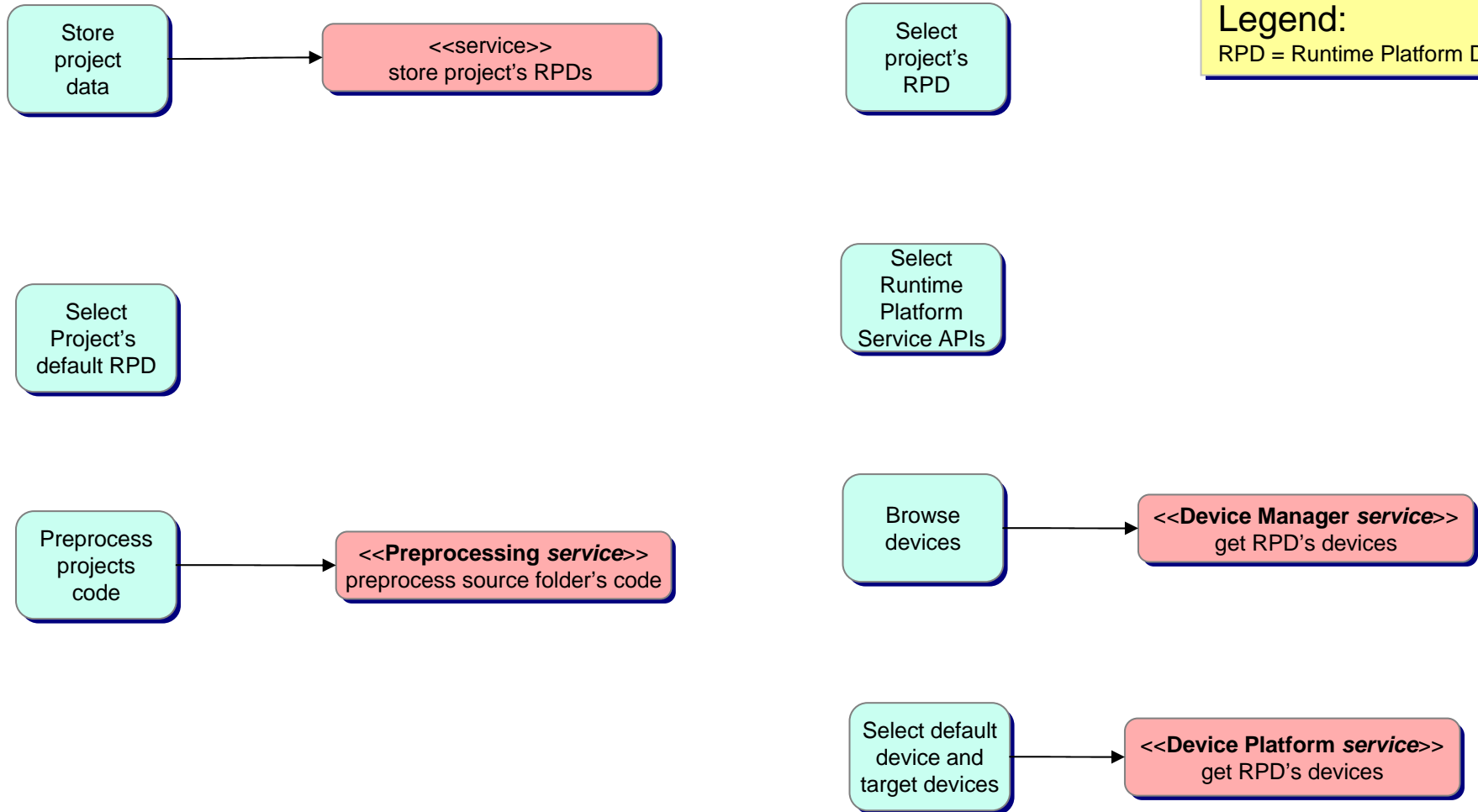
SubProcess – Modify Projects Runtime Platform

upper process

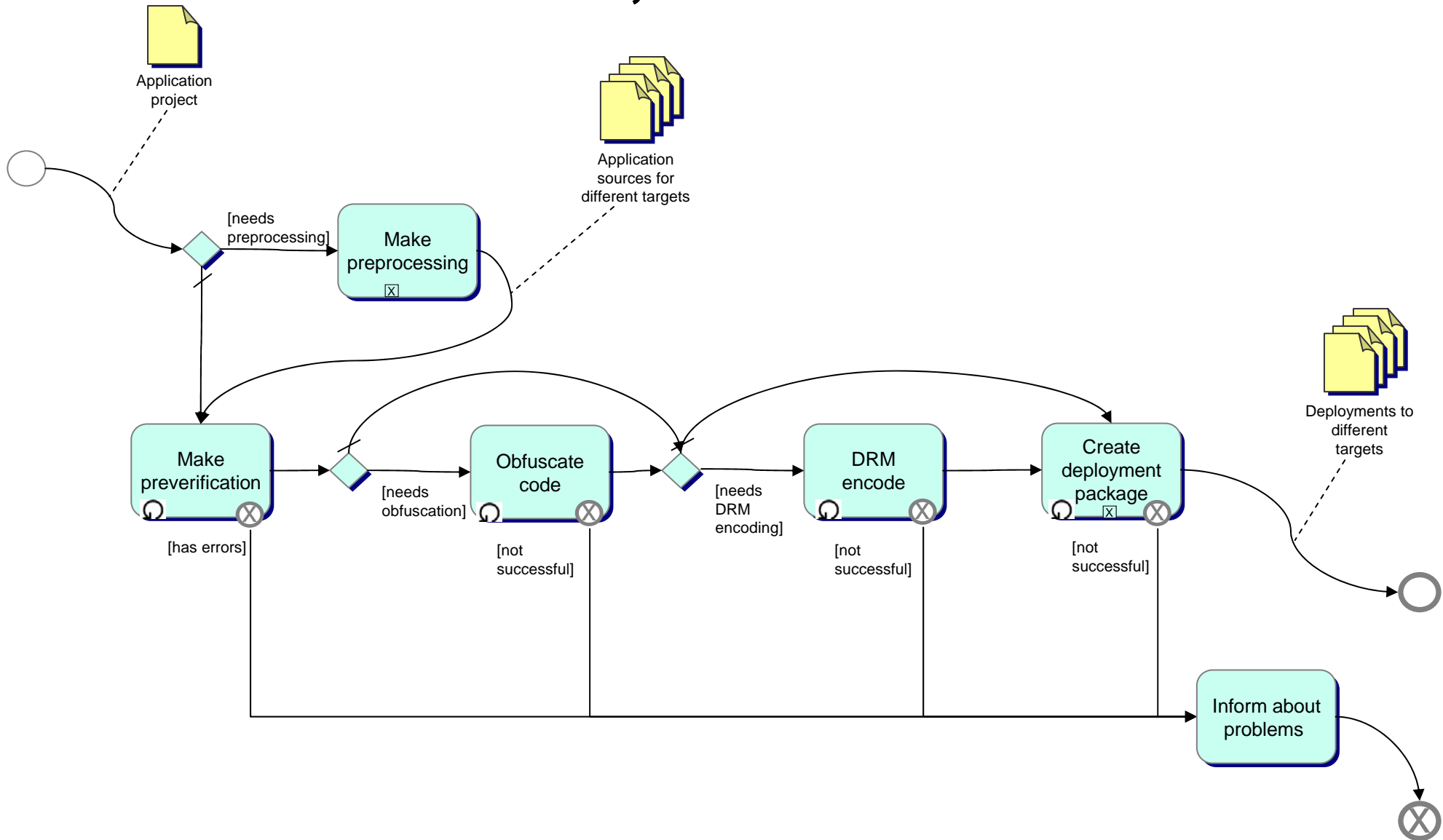


Legend:
RPD = Runtime Platform Definition

SubProcess - Maintain the project - services

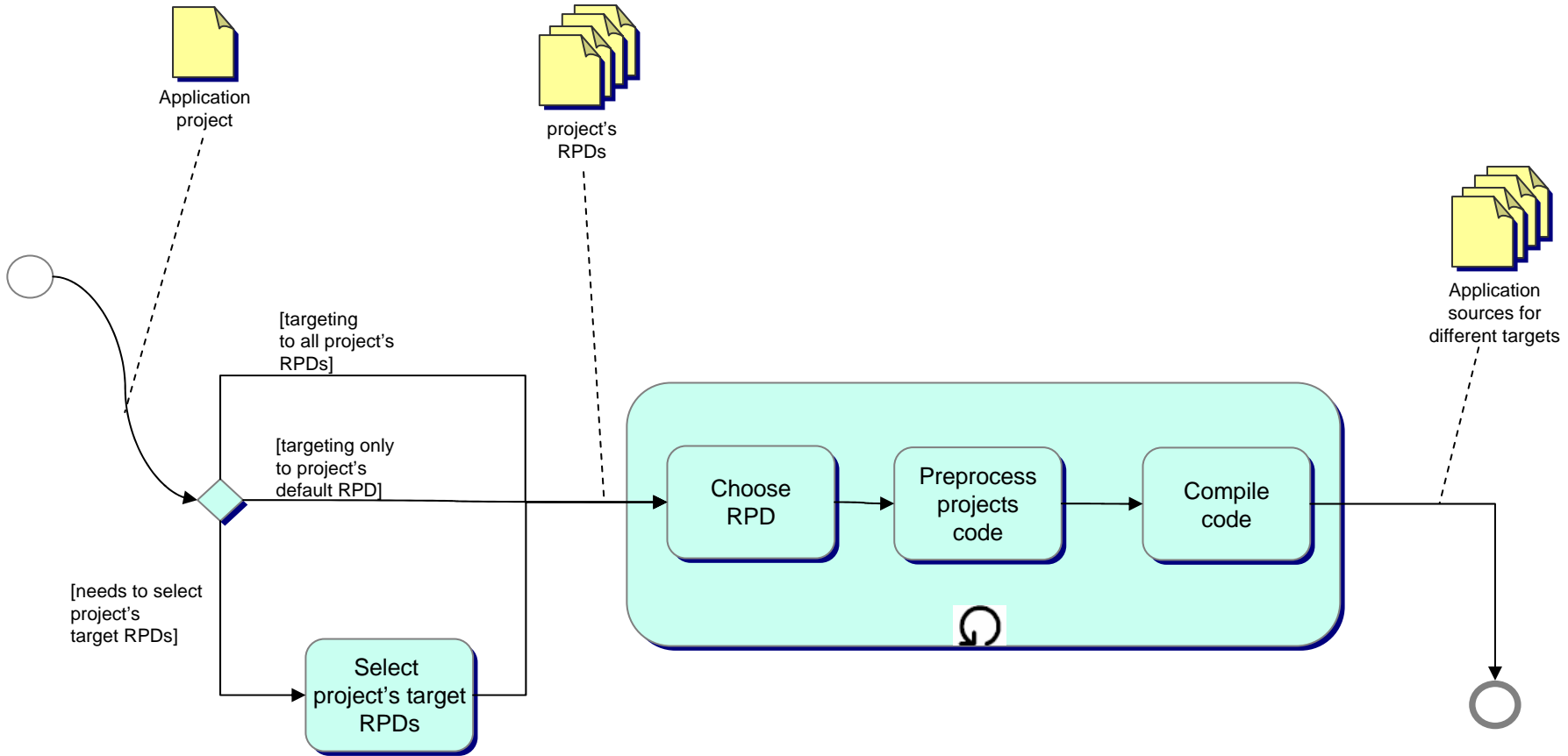


SubProcess - Check, Tune & Pack Code

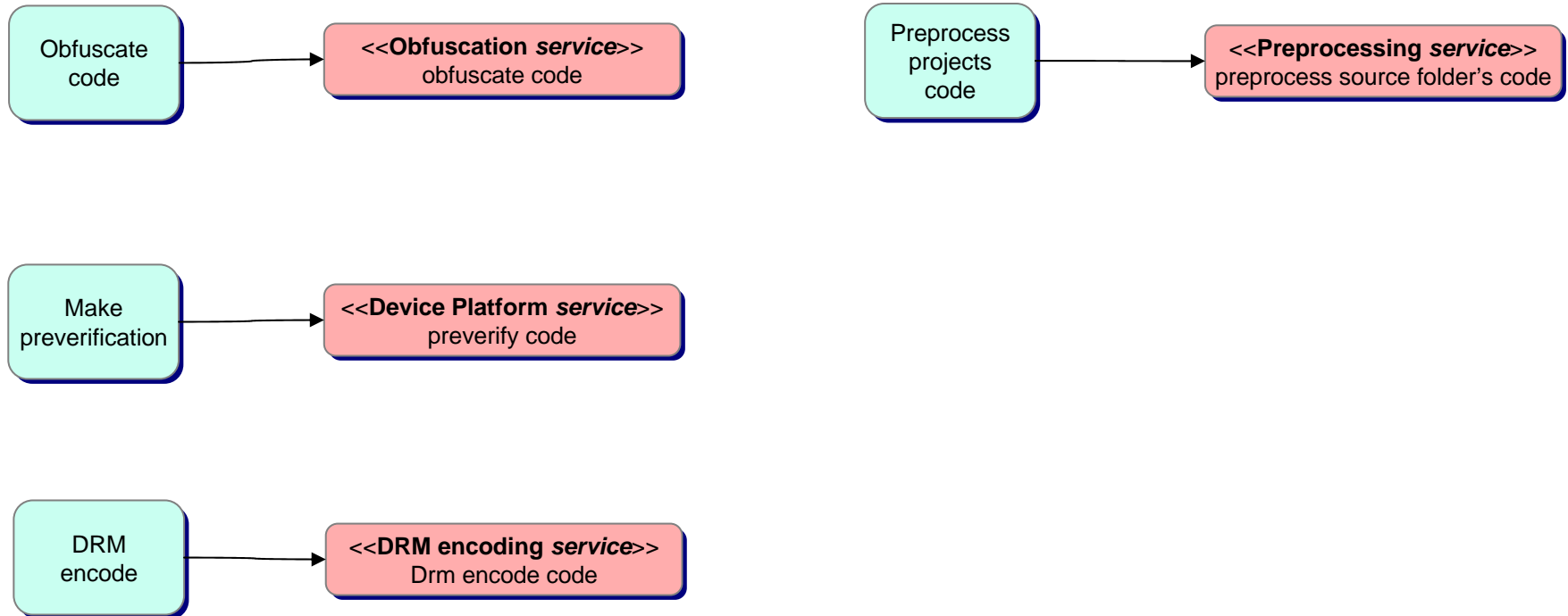


SubProcess – Make Preprocessing

Legend:
RPD = Runtime Platform Definition



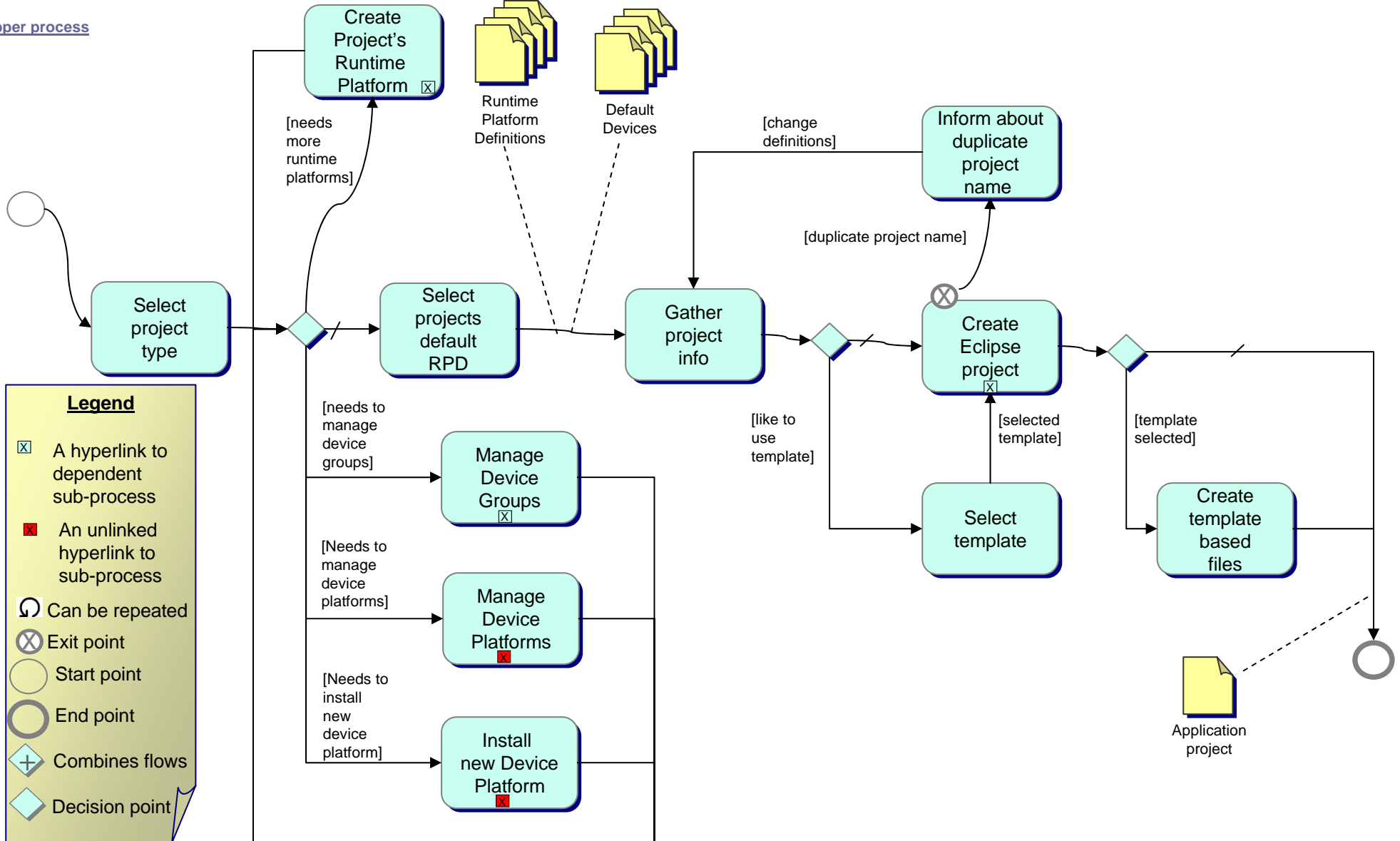
SubProcess – Check, Tune & Pack Code - services



SubProcess - Create new project

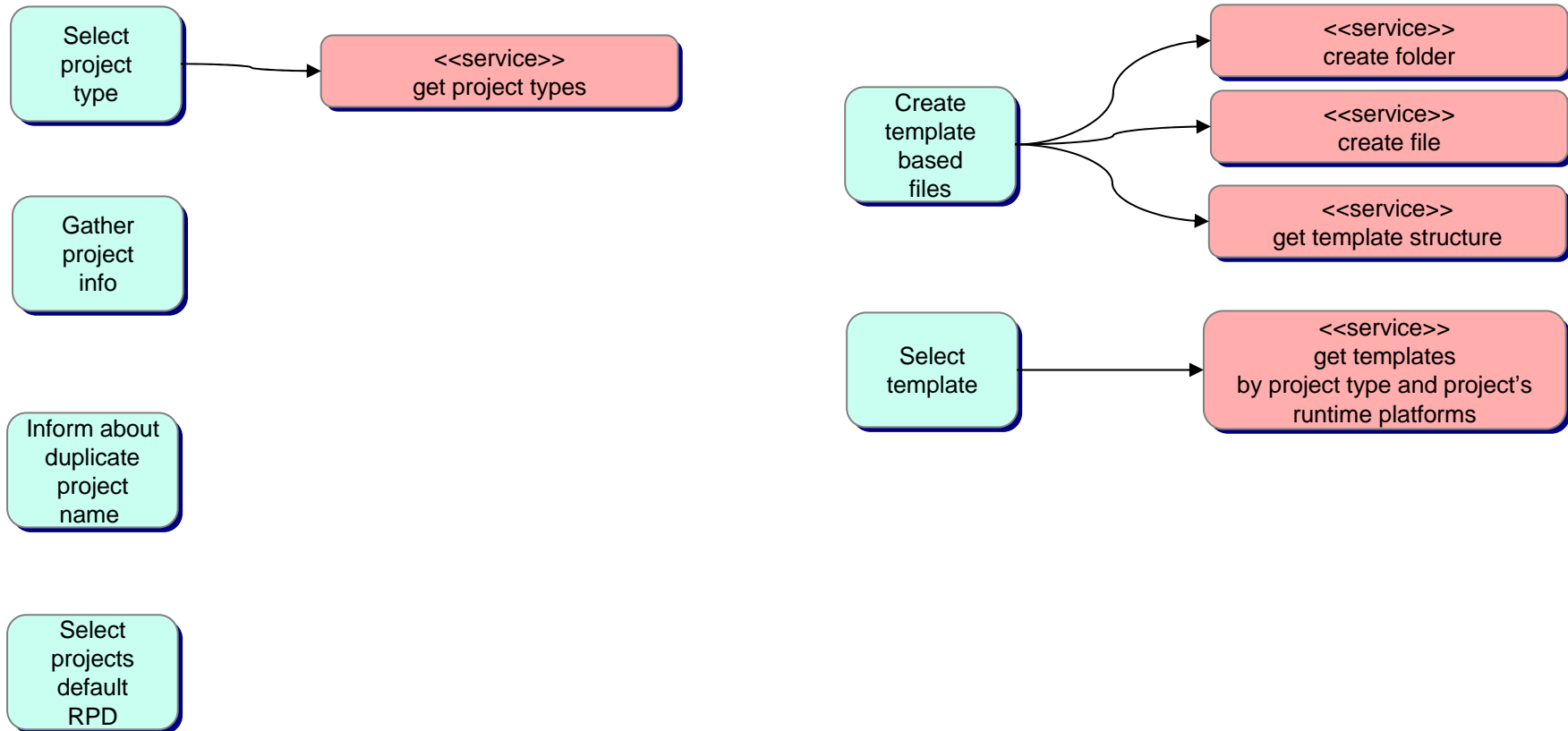
Legend:
RPD = Runtime Platform Definition

upper process



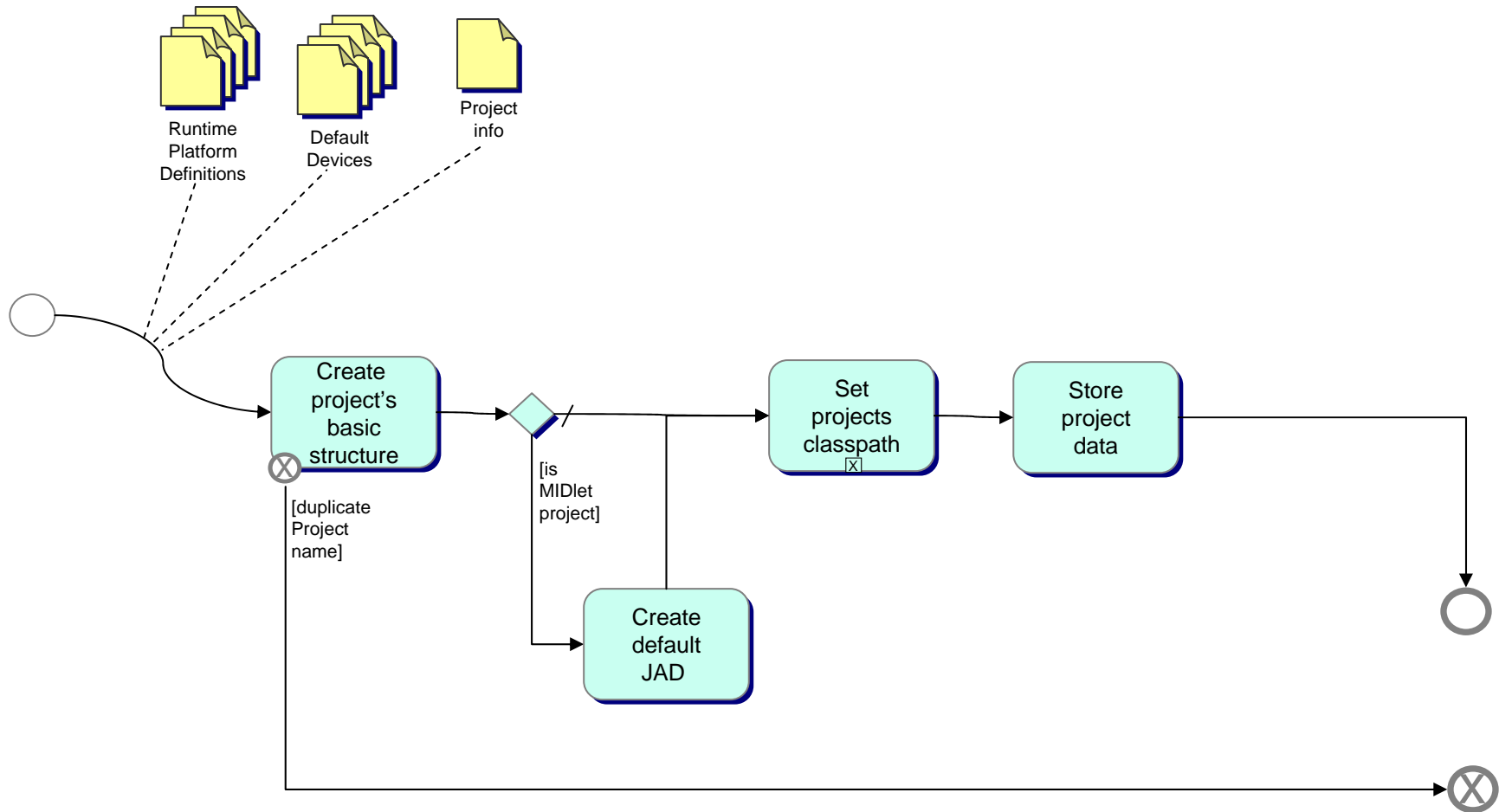
SubProcess - Create new project - services

upper process



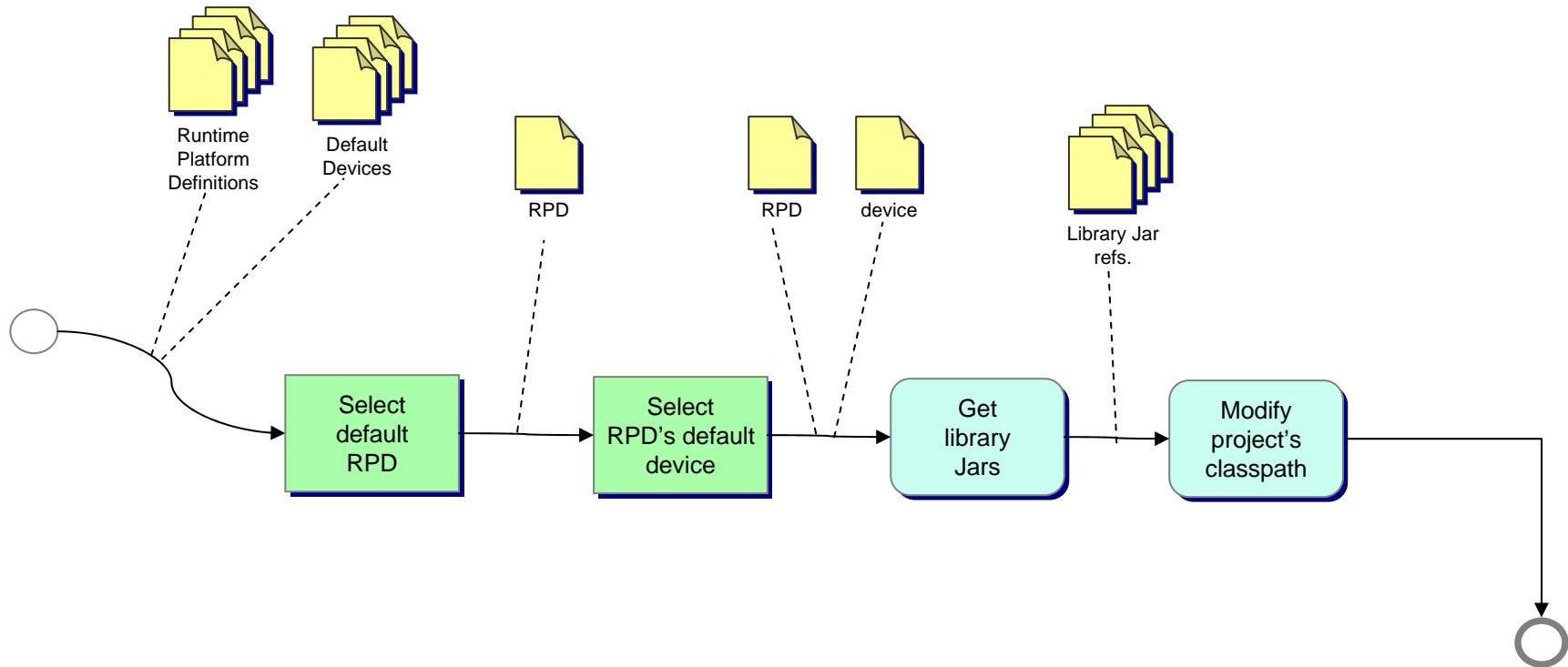
SubProcess - Create Eclipse project

upper process



SubProcess – Set Projects classpath

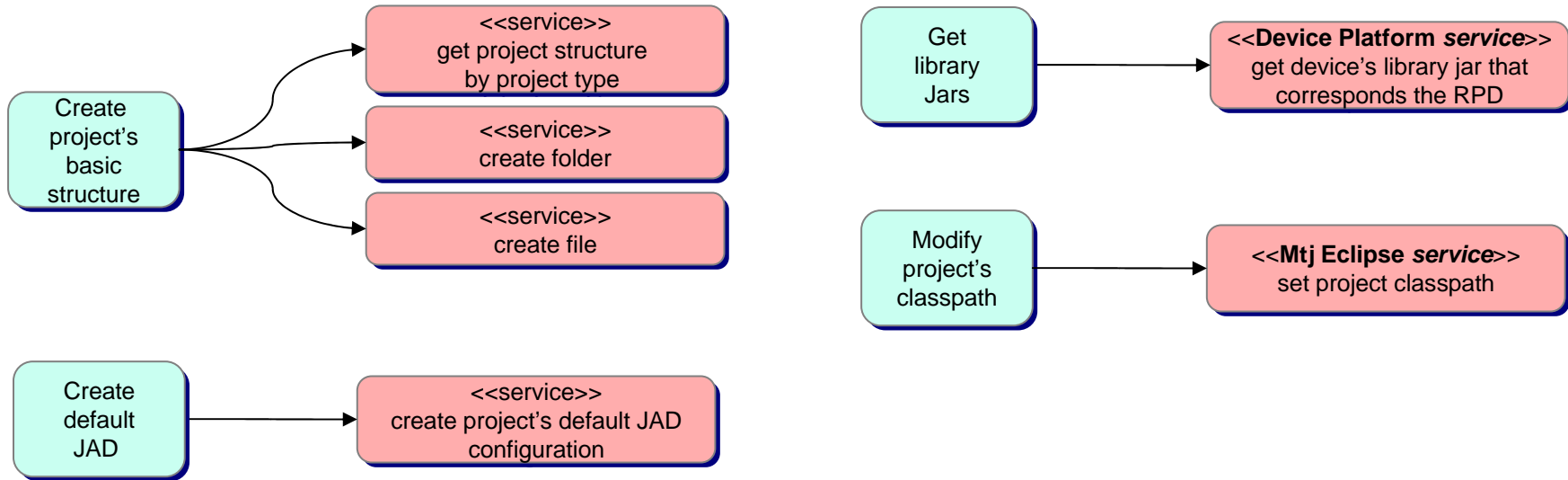
upper process



Legend:
RPD = Runtime Platform Definition

SubProcess - Create Eclipse project - services

upper process

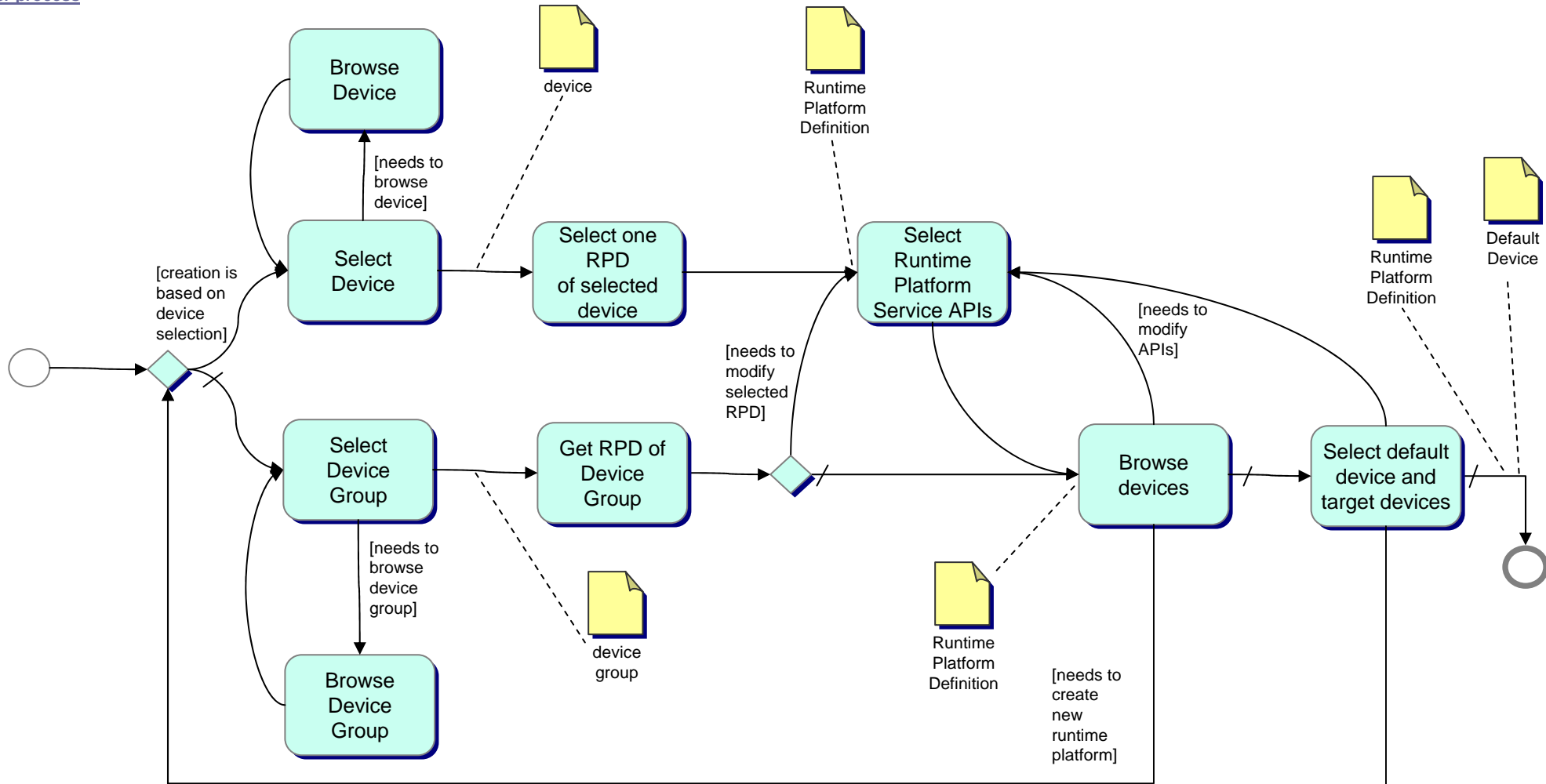


Legend:

RPD = Runtime Platform Definition

SubProcess – Create Projects Runtime Platform

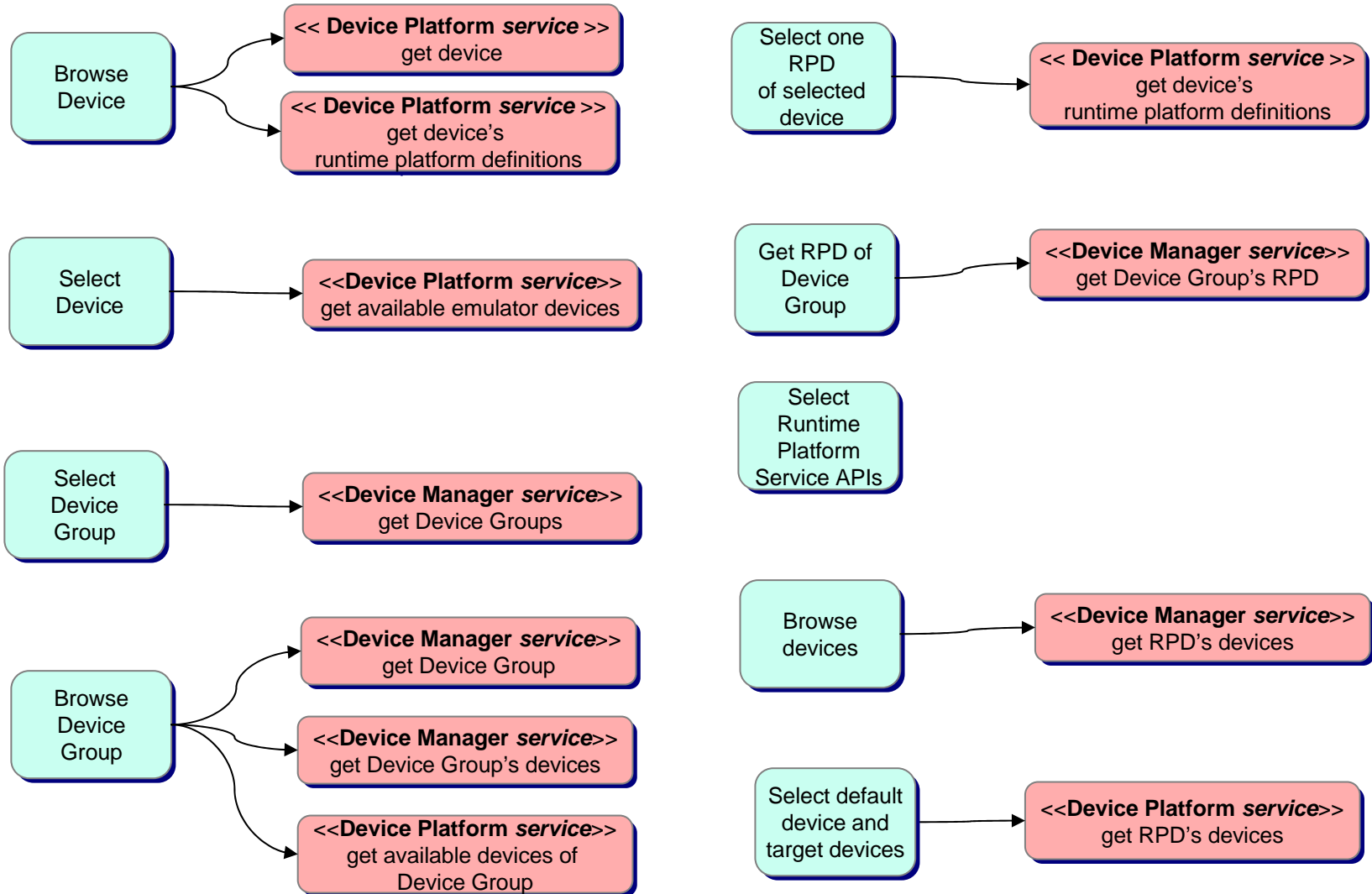
upper process



Legend:
RPD = Runtime Platform Definition

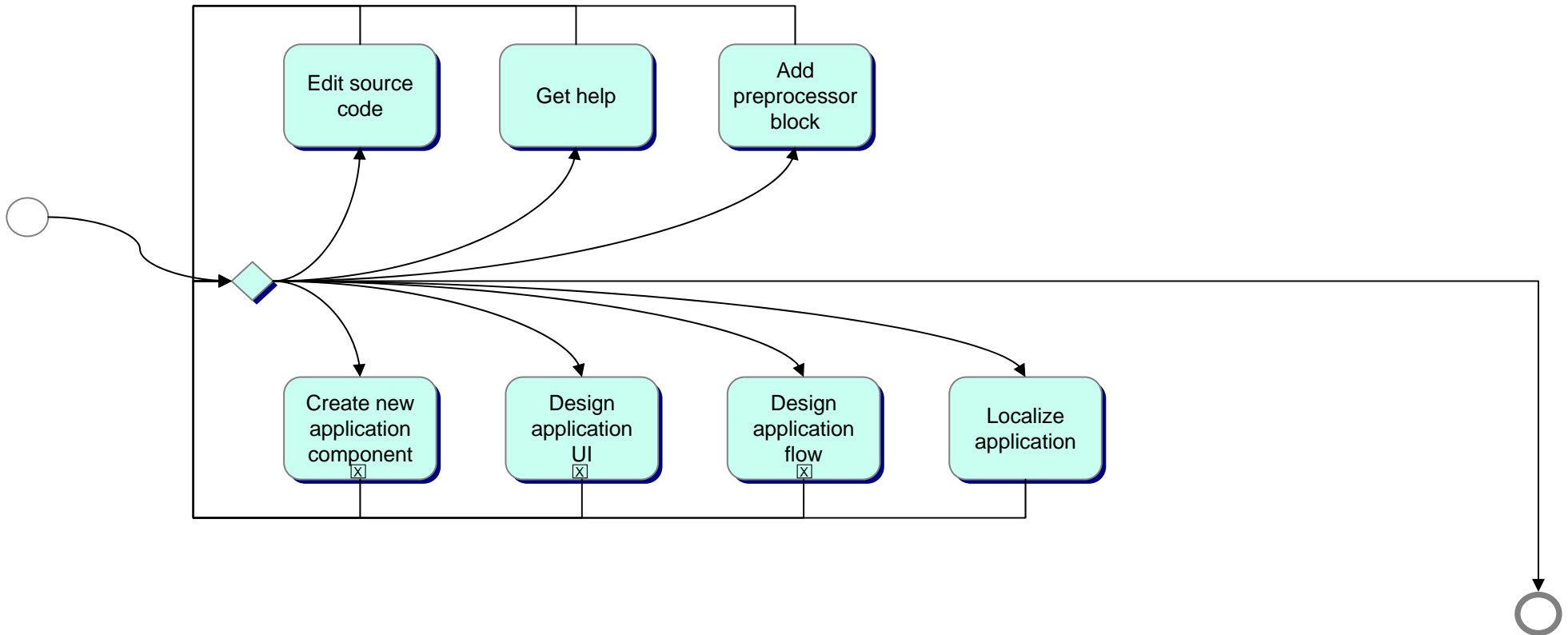
SubProcess – Create Projects Runtime Platform services

upper process



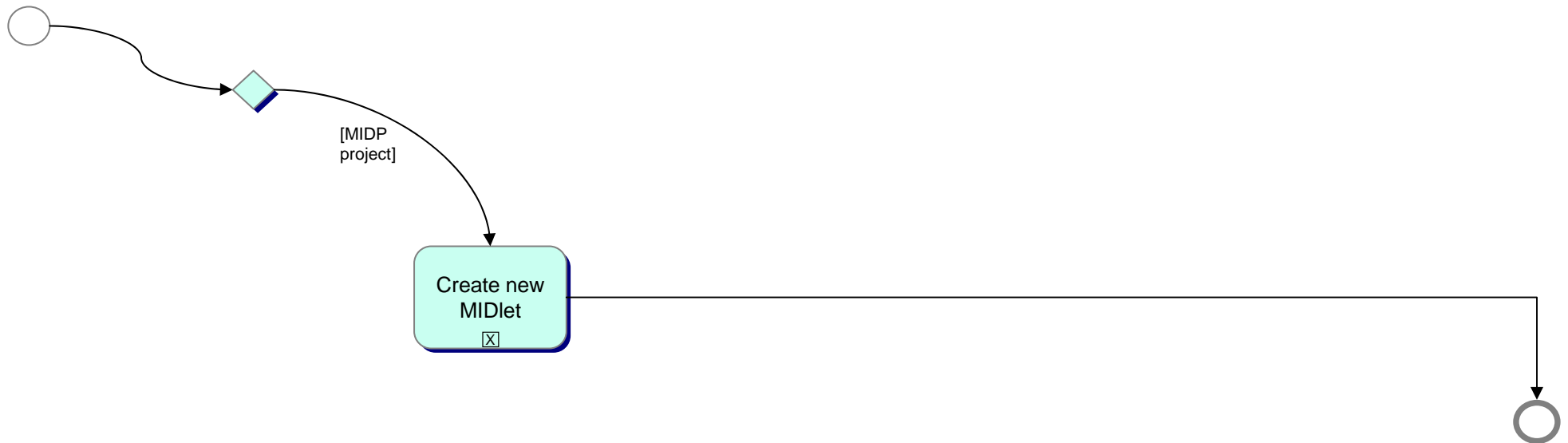
SubProcess – Modify Application code

upper process



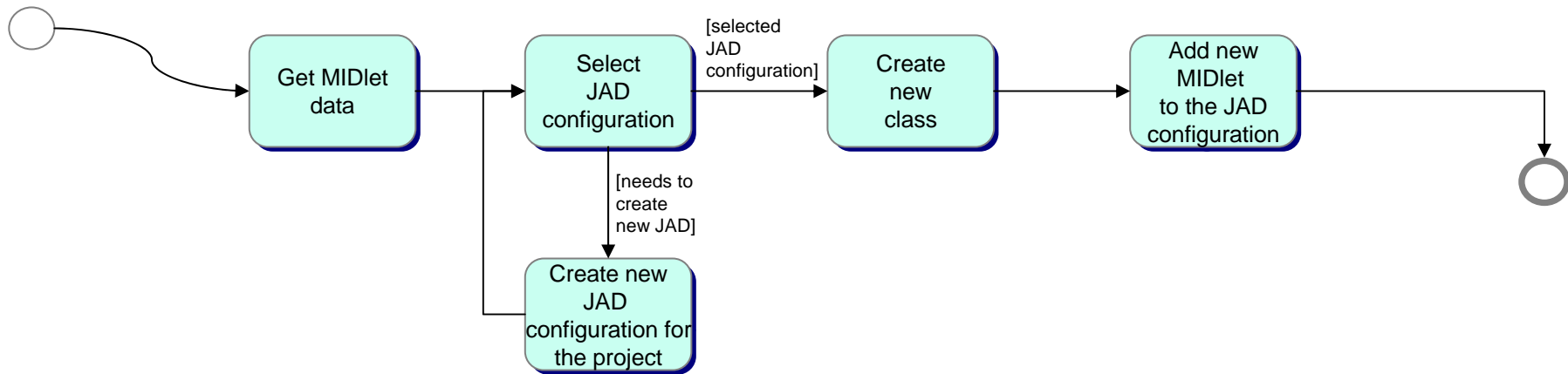
SubProcess – Create new application component

upper process



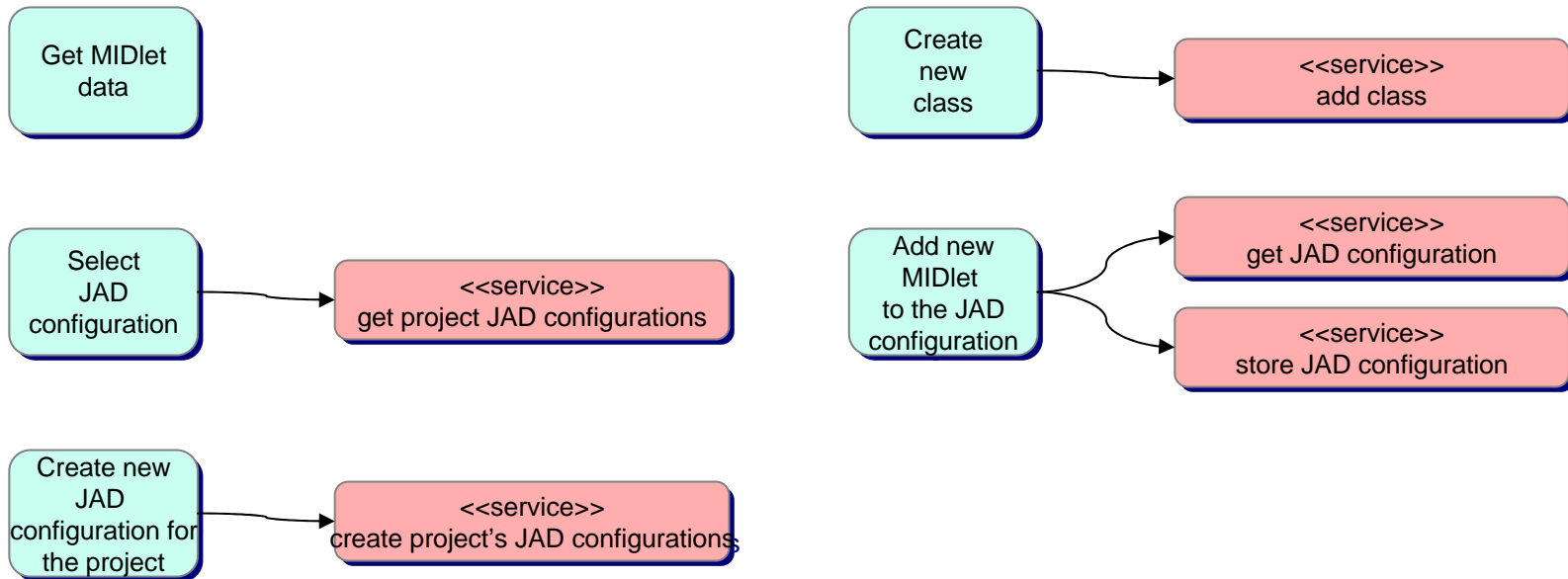
SubProcess – Create new MIDlet

upper process



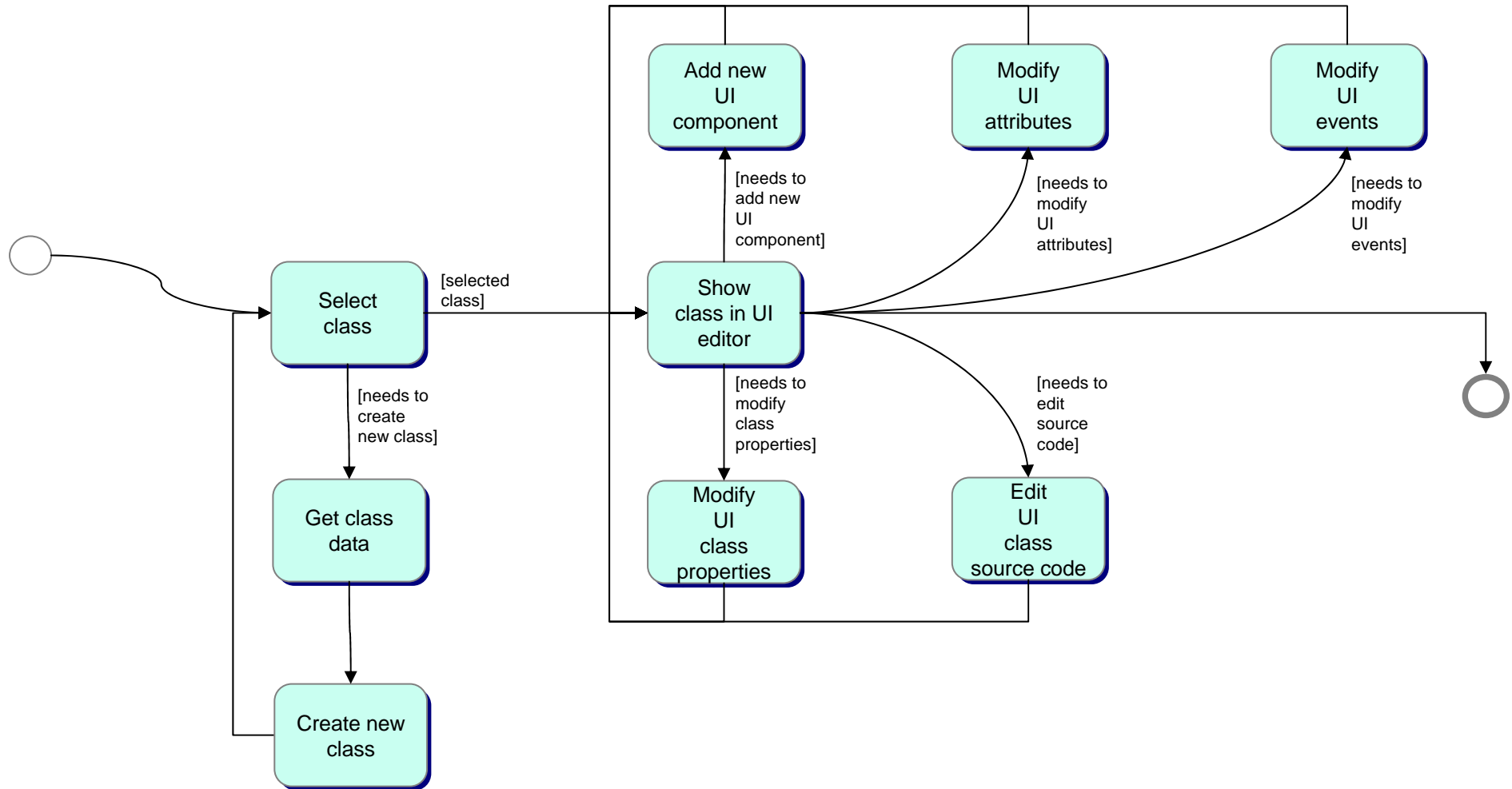
SubProcess – Create new MIDlet - services

upper process



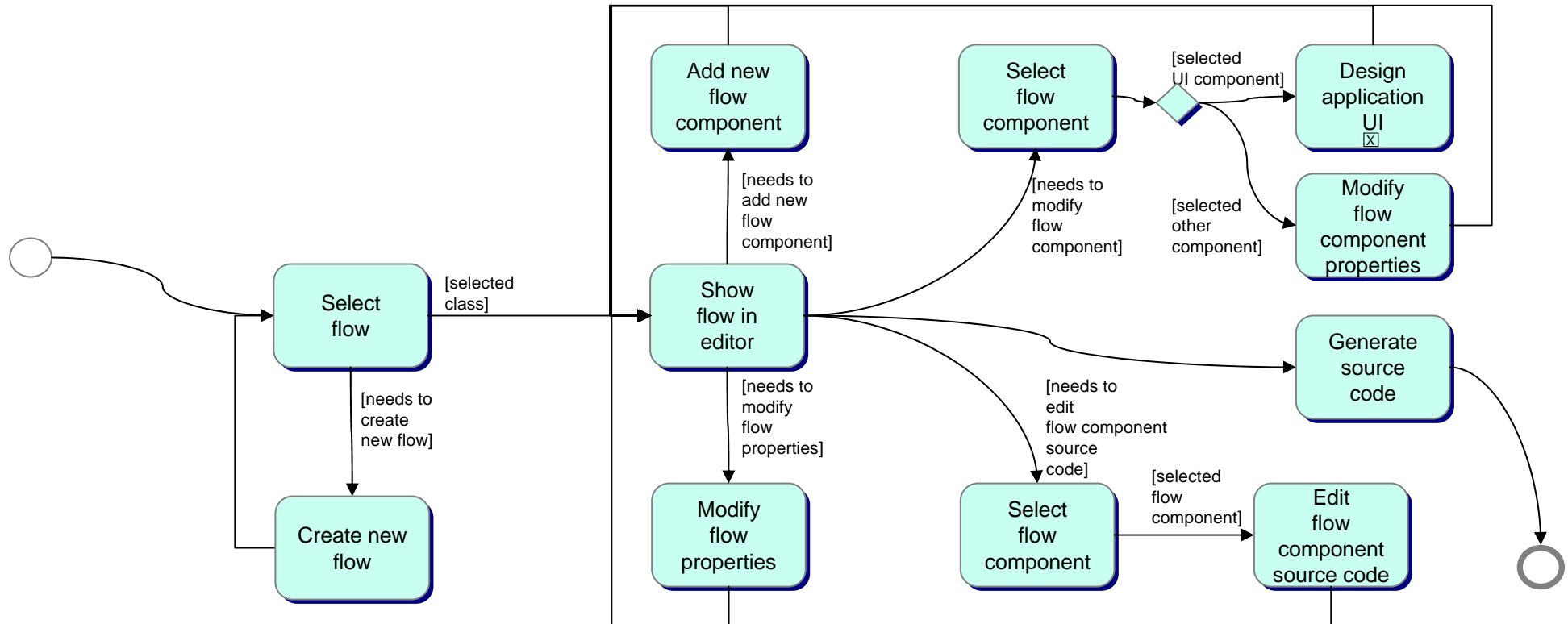
SubProcess – Design Application UI

upper process



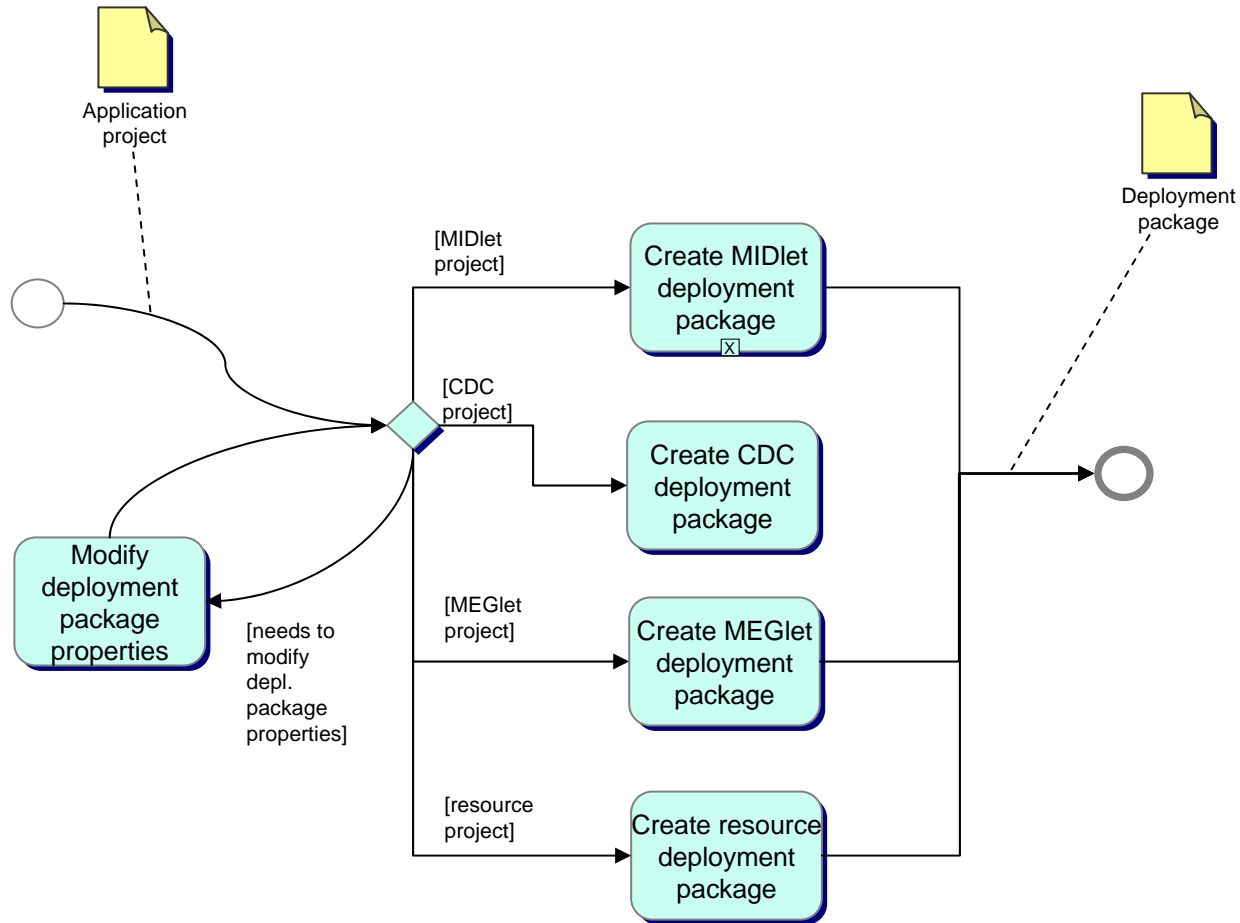
SubProcess – Design Application Flow

upper process



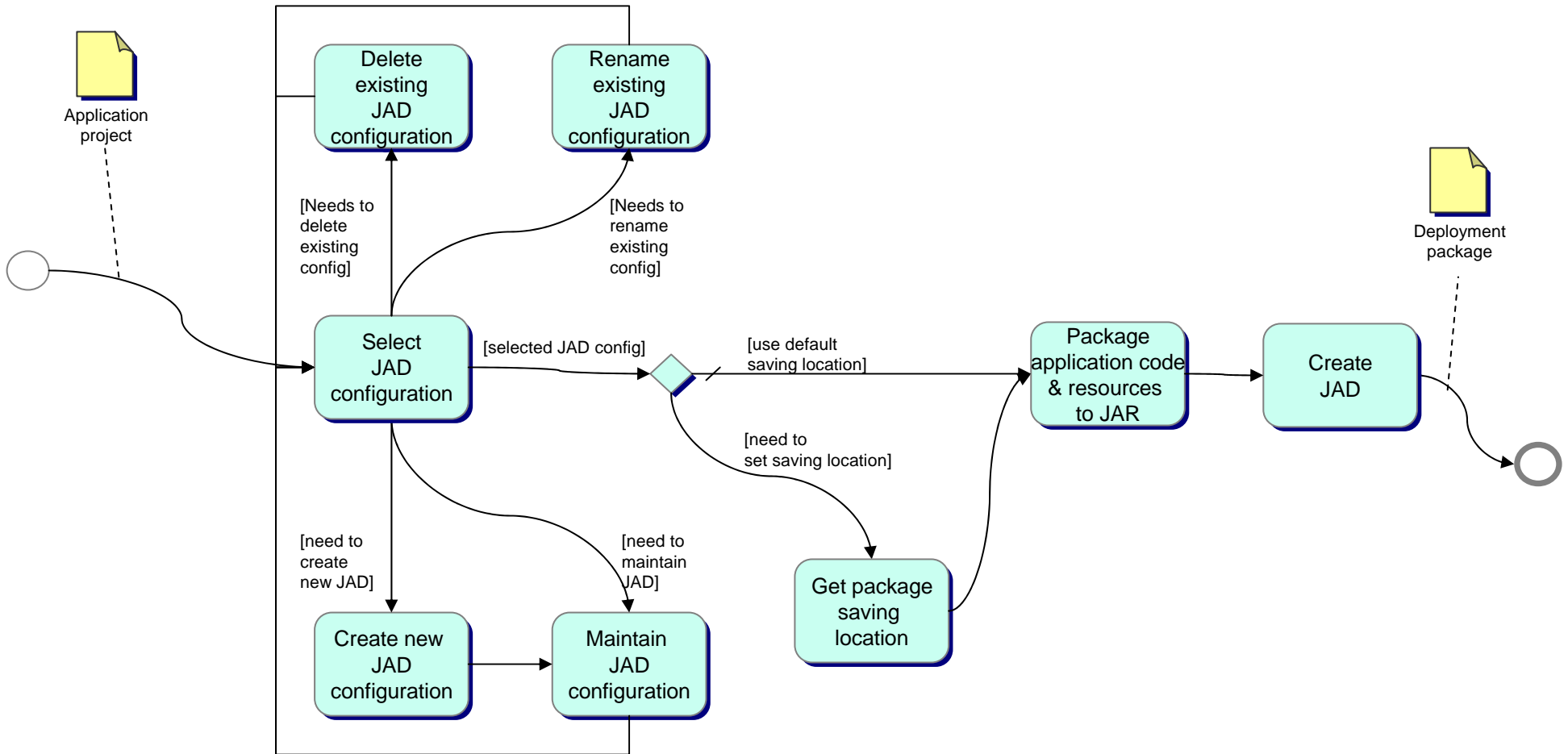
SubProcess - Create deployment package

upper process



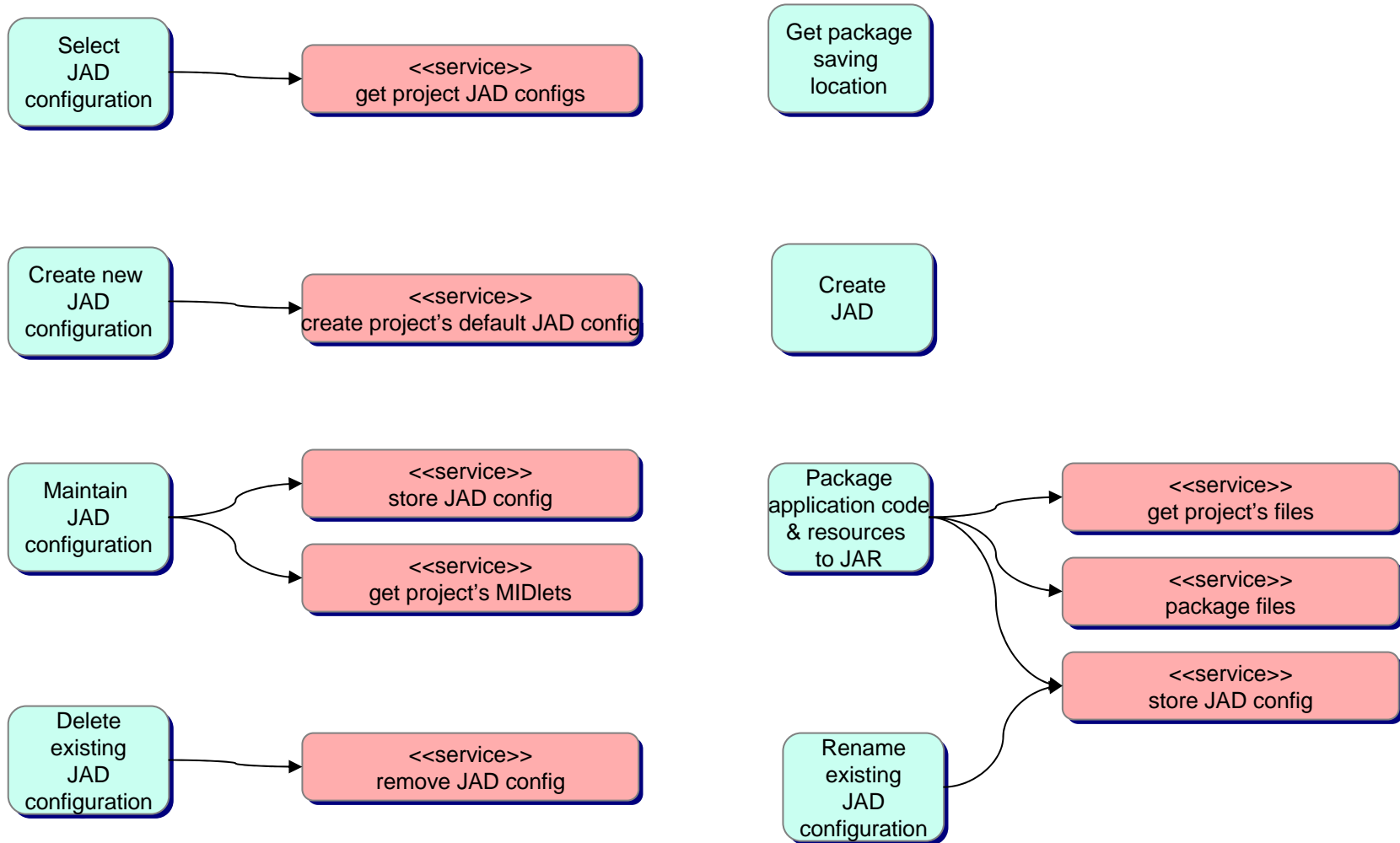
SubProcess - Create MIDlet application package

upper process



SubProcess - Create application package - services

upper process

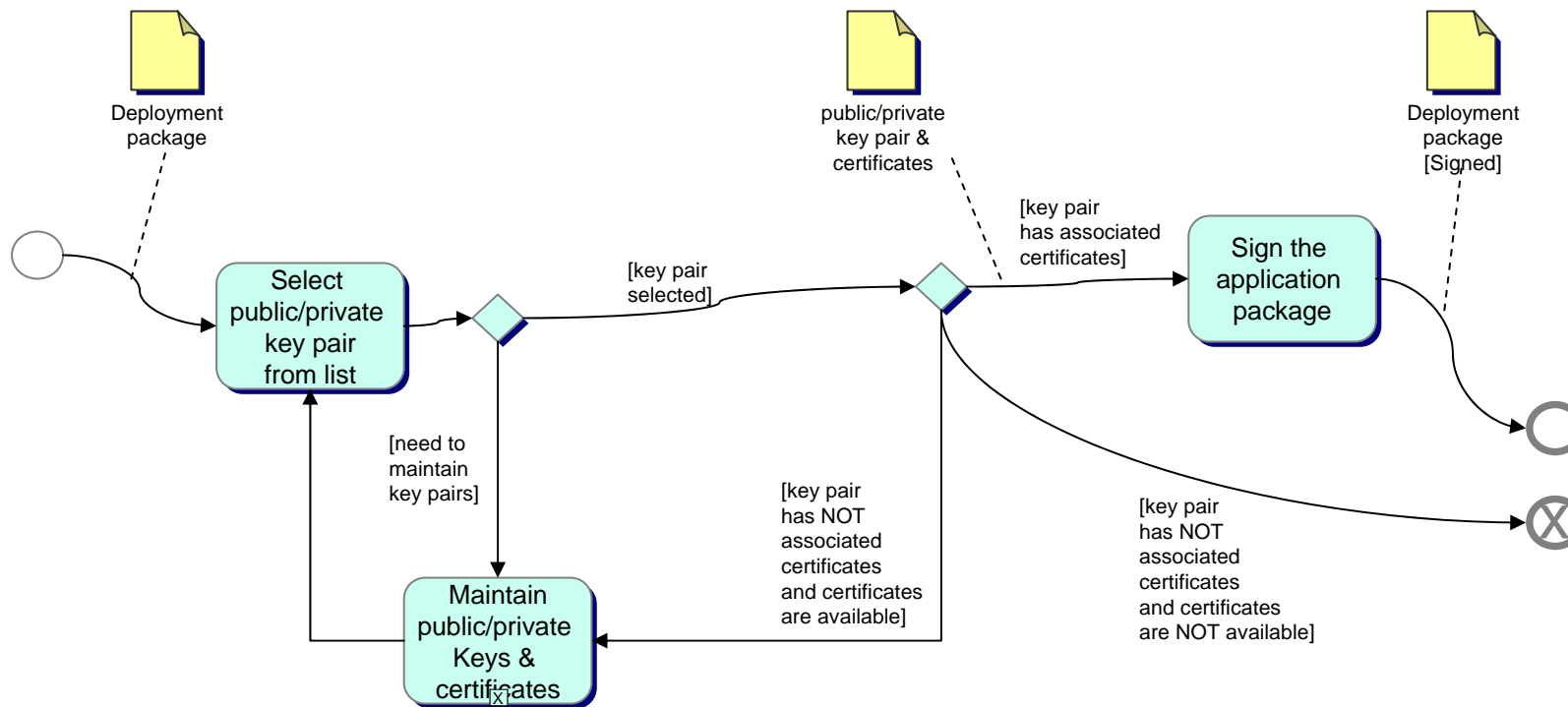


Application Development Process Descriptions

Signing

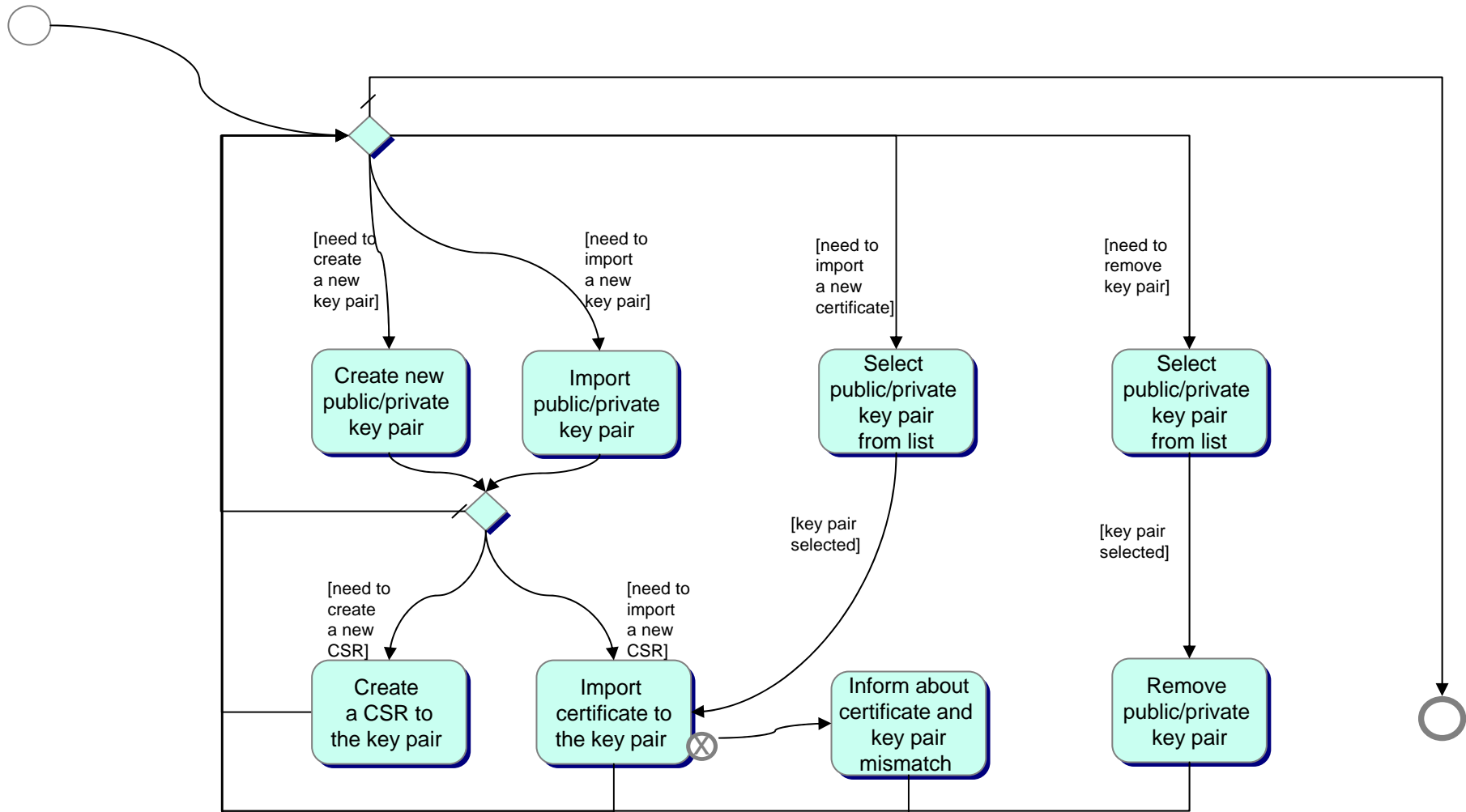
SubProcess - Sign the application

upper process



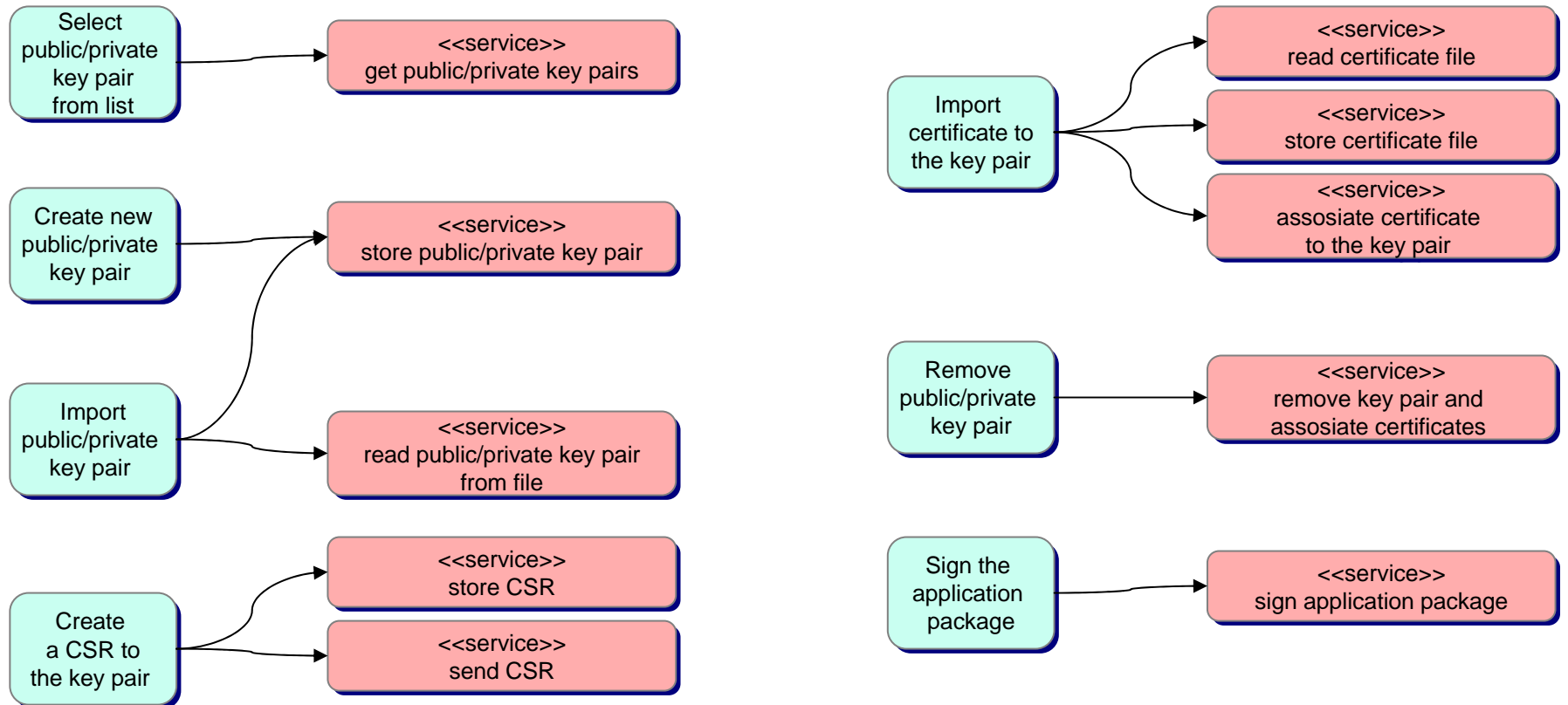
SubProcess – Maintain public/private keys & certificates

upper process



SubProcess - Sign the application - services

upper process



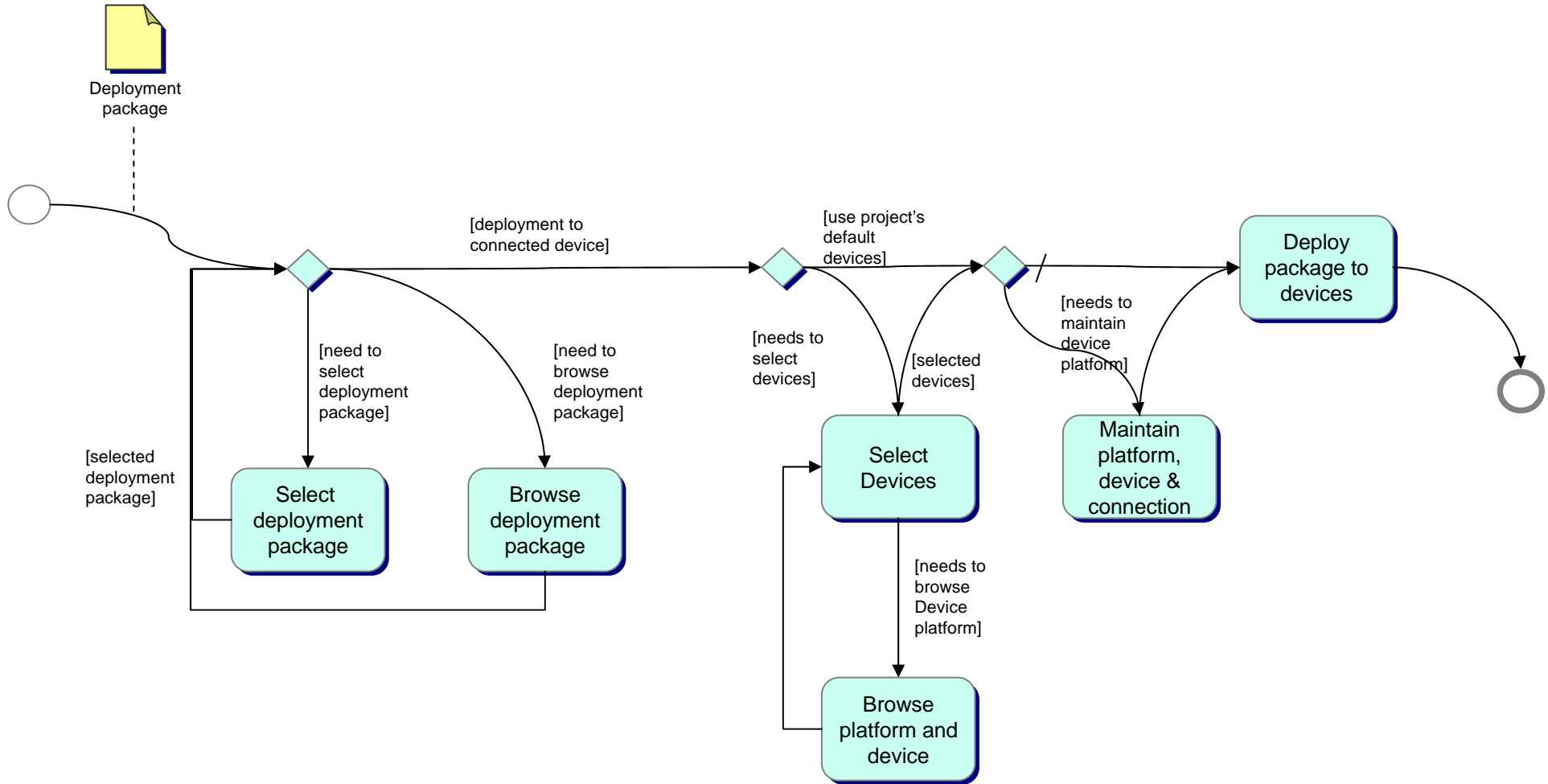


Application Development Process Descriptions

Deployment and Running

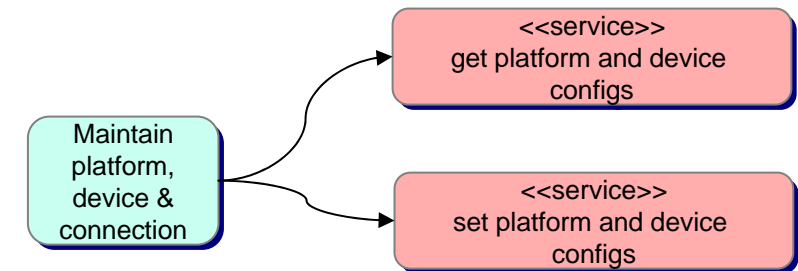
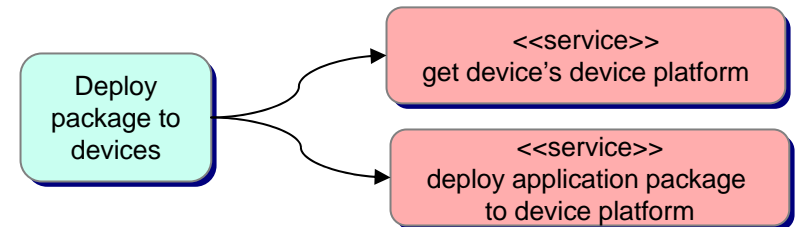
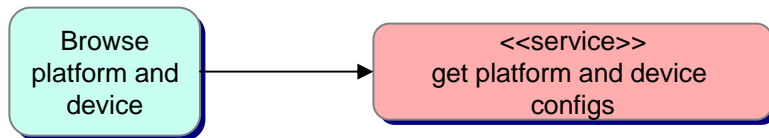
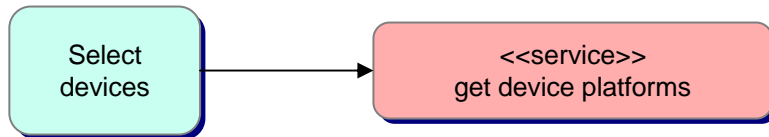
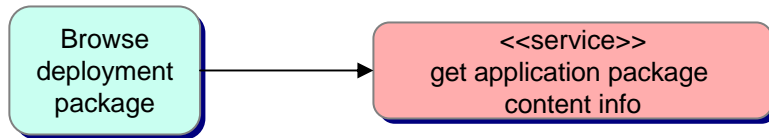
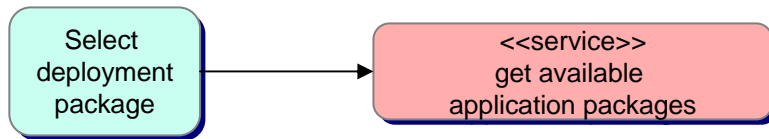
SubProcess – Deploy the Application

upper process



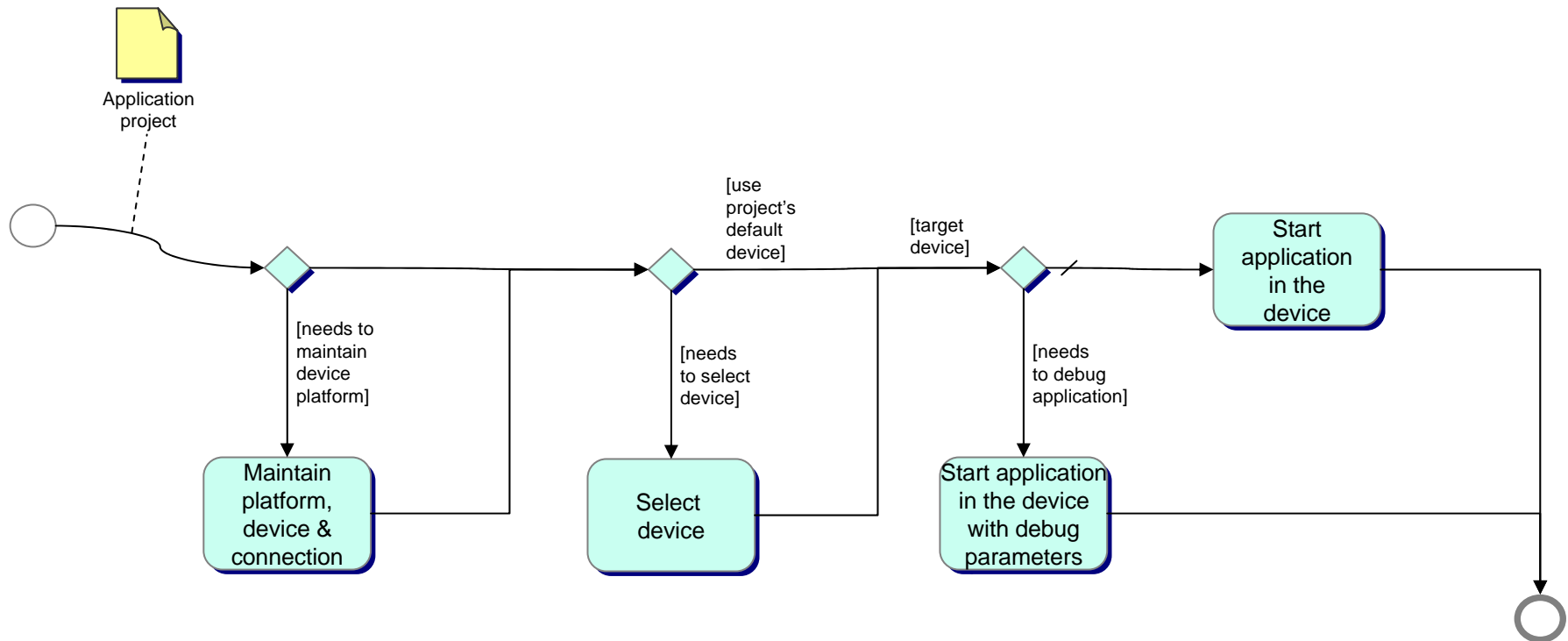
SubProcess – Deploy the Application - services

upper process



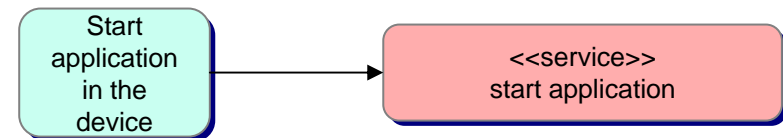
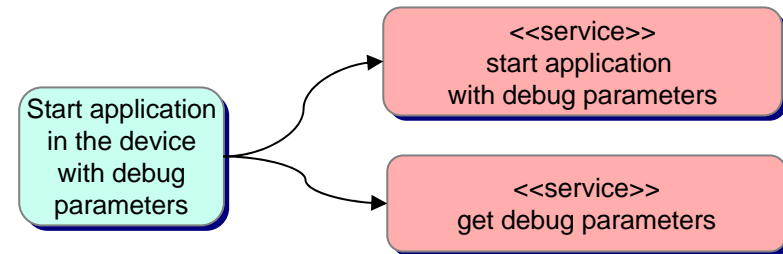
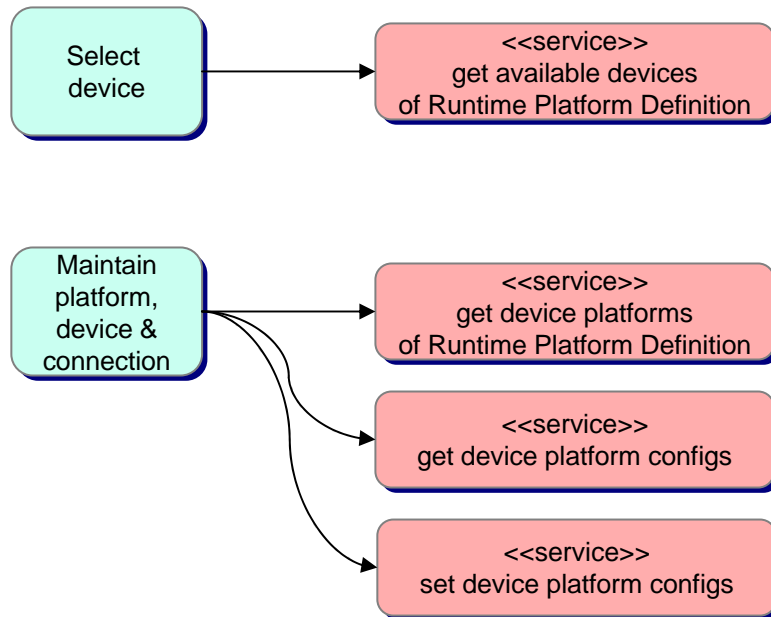
SubProcess – Run the Application

upper process



SubProcess – Run the Application - services

upper process





Fragmentation management



SubProcess – Define device groups