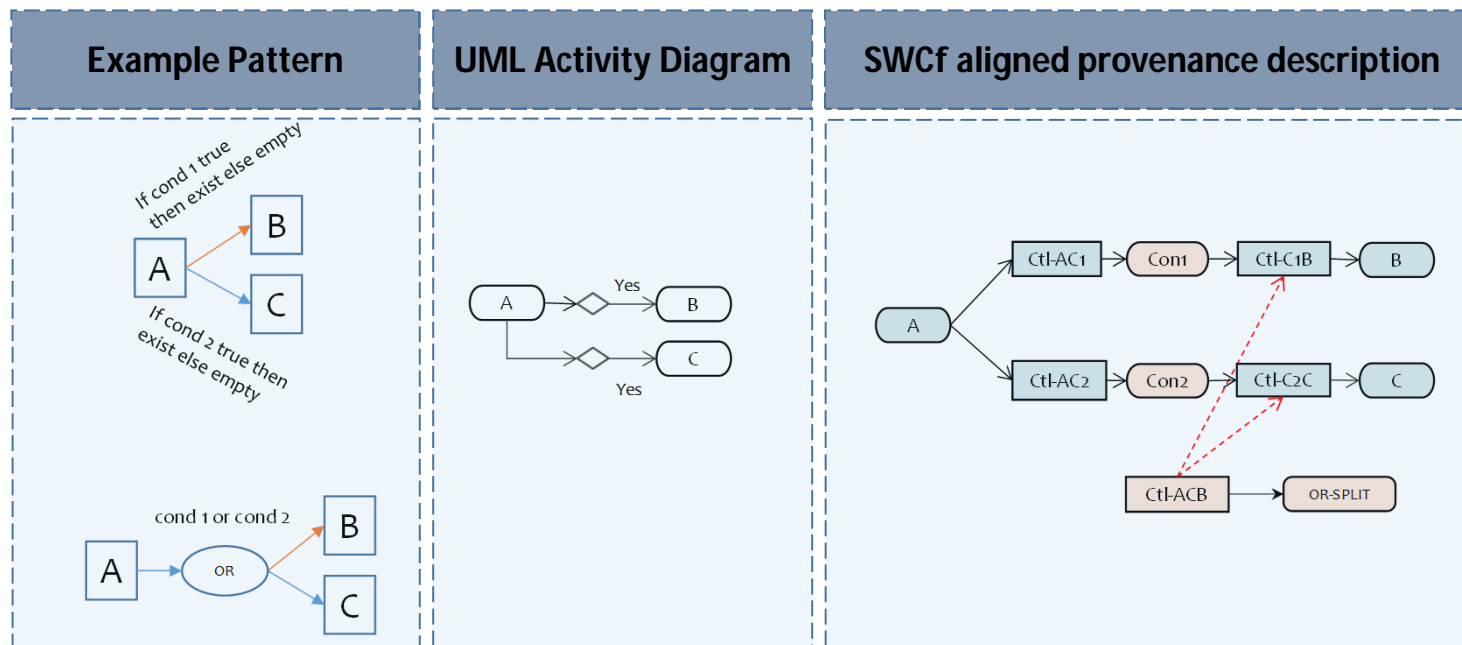# Multi-Choice

- **Description**: The divergence of a branch into two or more branches such that when the incoming branch is enabled, the thread of control is immediately passed to one or more of the outgoing branches based on a mechanism that selects one or more outgoing branches.

Structured Synchronizing Merge

- **Description**: The convergence of two or more branches (which diverged earlier in the process at a uniquely identifiable point) into a single subsequent branch such that the thread of control is passed to the subsequent branch when each active incoming branch has been enabled. The Structured Synchronizing Merge occurs in a structured context, i.e. there must be a single Multi-Choice construct earlier in the process model with which the Structured Synchronizing Merge is associated and it must merge all of the branches emanating from the Multi-Choice. These branches must either flow from the Structured Synchronizing Merge without any splits or joins or they must be structured in form (i.e. balanced splits and joins).

Example Pattern	UML Activity Diagram	SWCf aligned provenance description