

The Workflow State Machine

0.1 Overview document

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1. Invoking a Transition

When an event e is invoked on a workflow instance I , the following algorithm is executed:

- The current state $s_{current}$ is determined.
- The transition t from $s_{current}$ to s_{next} which has the event e is determined.
- If t is not exactly defined, an exception is thrown.
- All conditions of t are validated.
- If all conditions are complied, the transition t fires:
 - All assignments of t are executed.
 - The workflow instance I is advanced to the state s_{next} .