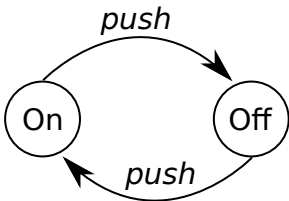Domain Expert 1

```
machine Button
  state On
    on push ⇒ Off
  end
  state Off
    on push ⇒ On
  end
end
```

Interpreter, refactorings
(Rascal)

Domain Expert 2

push

On Off

push

Simulator, persistence
(EMF)

System Integrator

```
FSM fsm =
 new FSMBuilder("Button")
 .init("On")
  .to("Off").on("push")
 .state("Off")
  .to("On").on("push")
.build();
```

Integration, reuse
(Java)