

Rascal

(interpreter, refactorings)

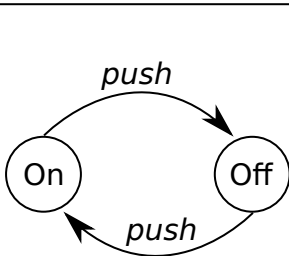
```
machine Button
  state On
    on push ⇒ Off
  end
  state Off
    on push ⇒ On
  end
end
```



*Domain
Expert 1*

EMF

(simulator, persistence)



*Domain
Expert 2*

Java

(integration, reuse)

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



*System
Integrator*