FSM models help developers
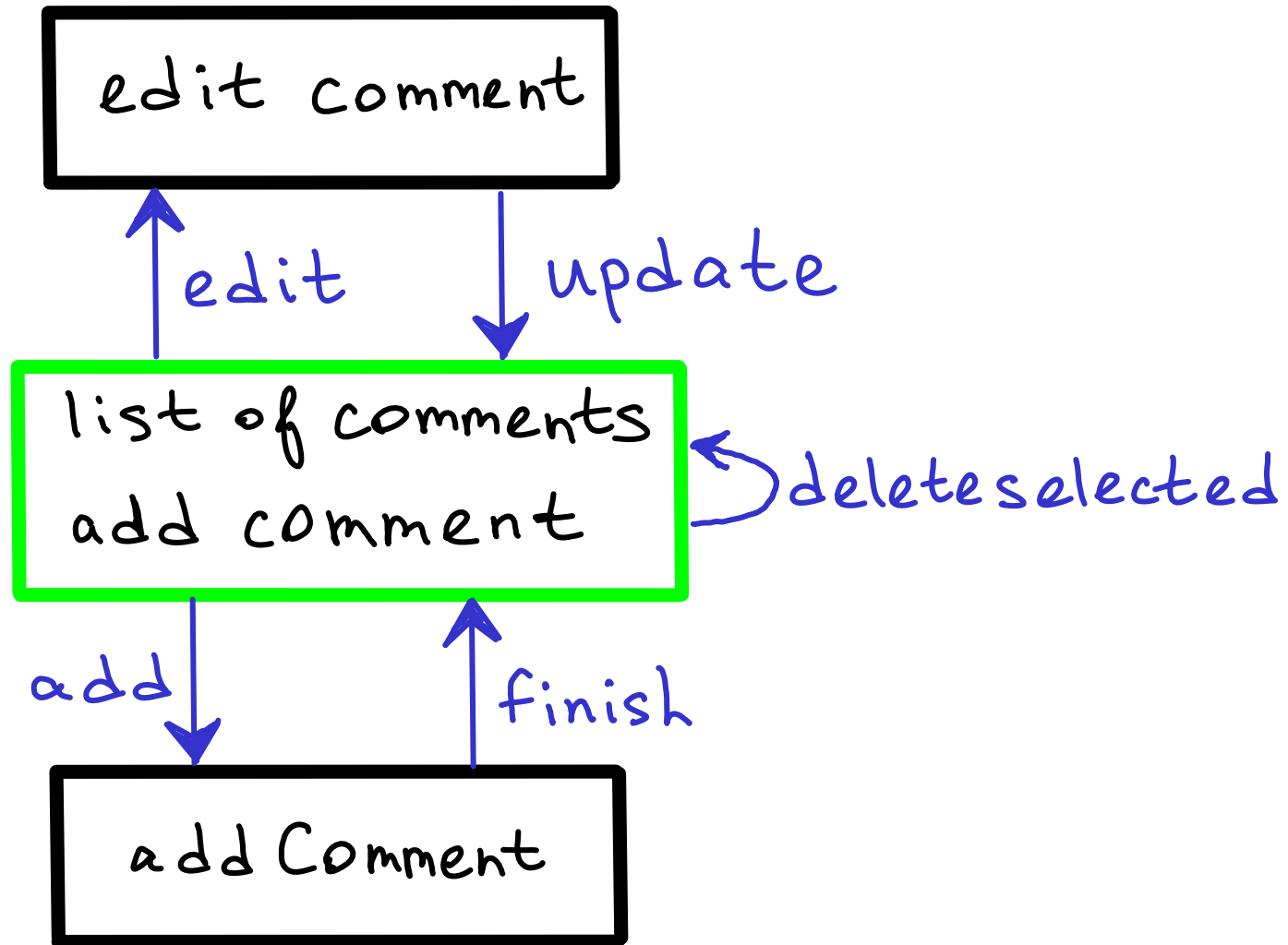
Web-based application: states correspond to screens

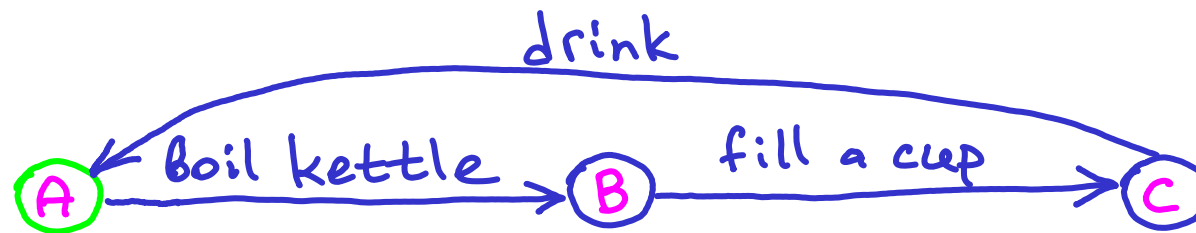**Edit entry**

| new value | update this |

Comments

1. ☐ new value edit
2. ☐ another comment edit
3. ☐ yet another comment edit

Delete checked

Enter new comment

| | add this |

edit comment

edit

update
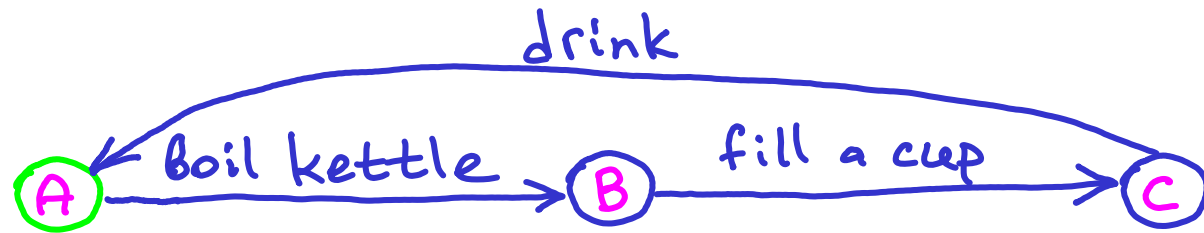
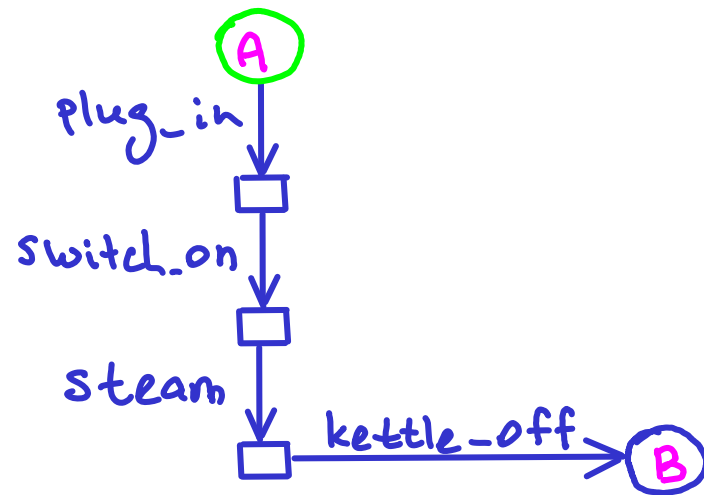list of comments
add comment

delete selected

add

finish

add Comment

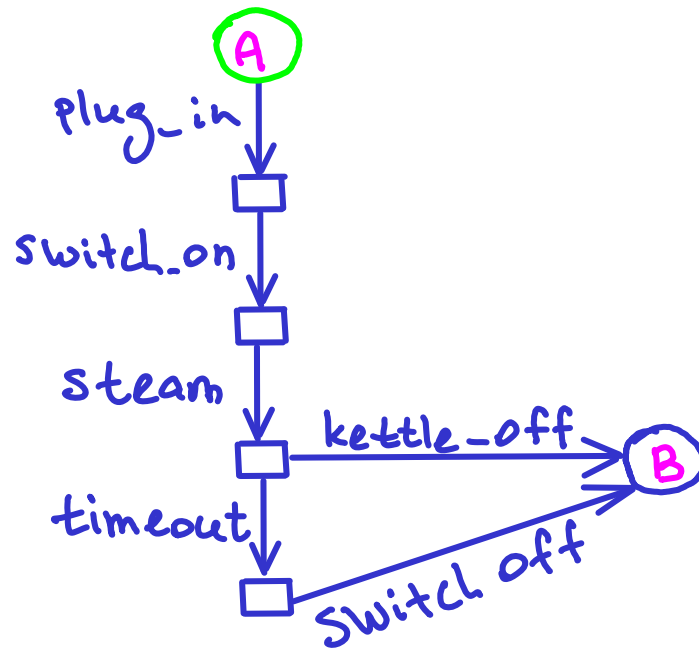# Making coffee and drinking it, 1/5

Making coffee and drinking it, 2/5
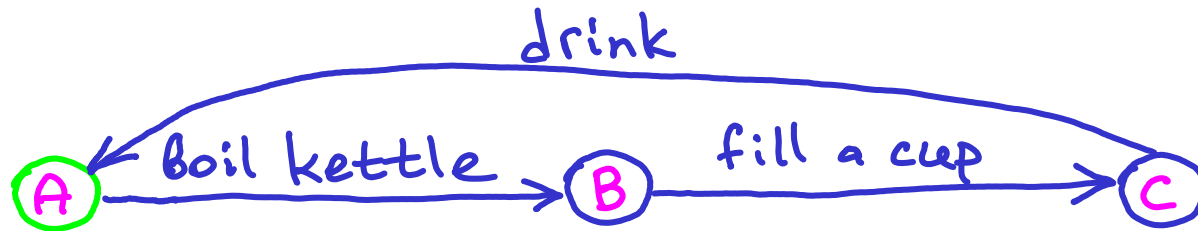
drink

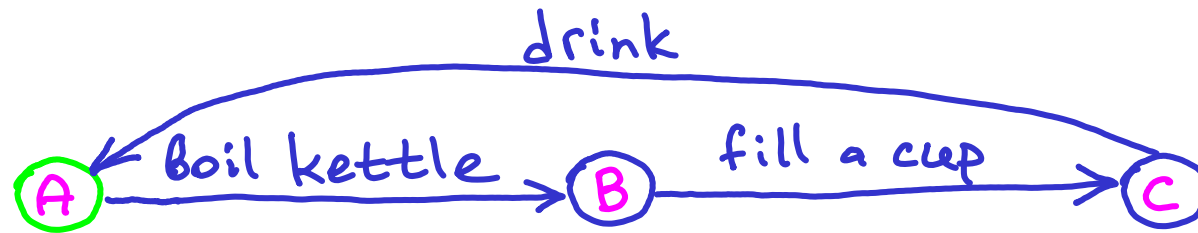A — boil kettle → B — fill a cup → C

At a lower level

A

plug_in

switch_on

steam

kettle_off → B

Making coffee and drinking it, 3/5

drink

A ← boil kettle → B → fill a cup → C

At a lower level

A

plug_in

switch_on

steam

kettle_off → B

timeout

switch off → B

At a lower level

drink

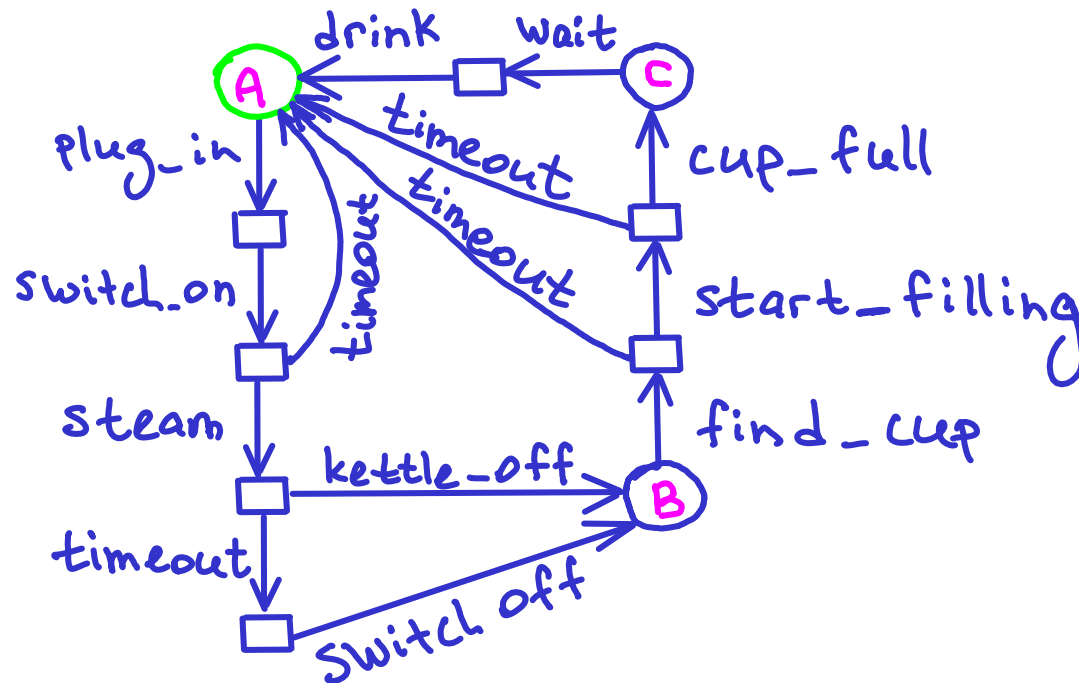A — boil kettle → B — fill a cup → C
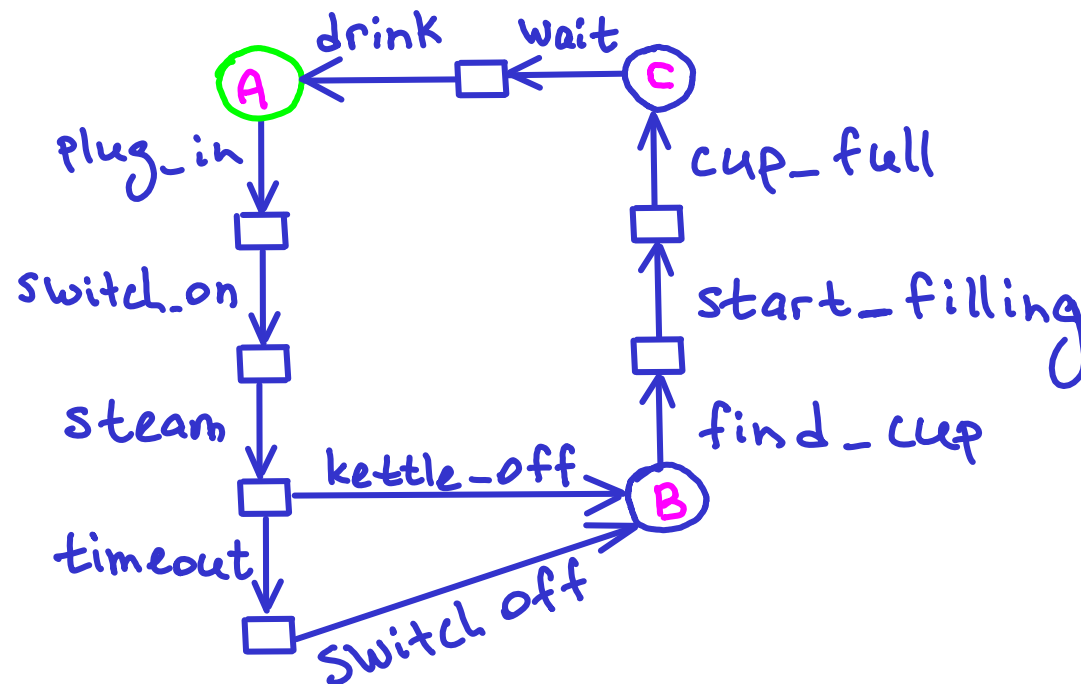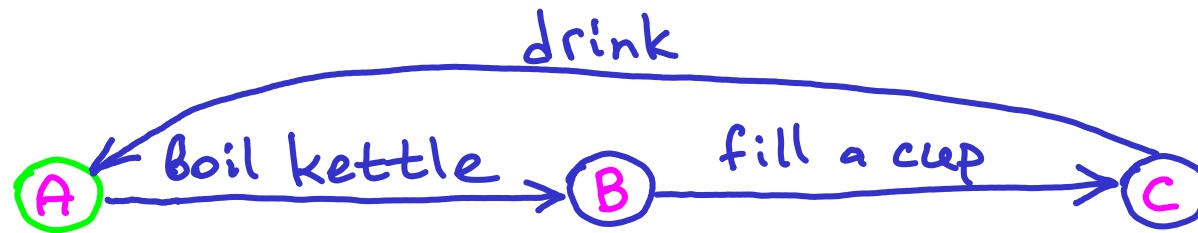
At a lower level

The above is a good model for testing — there are powerful FSM-based test methods