

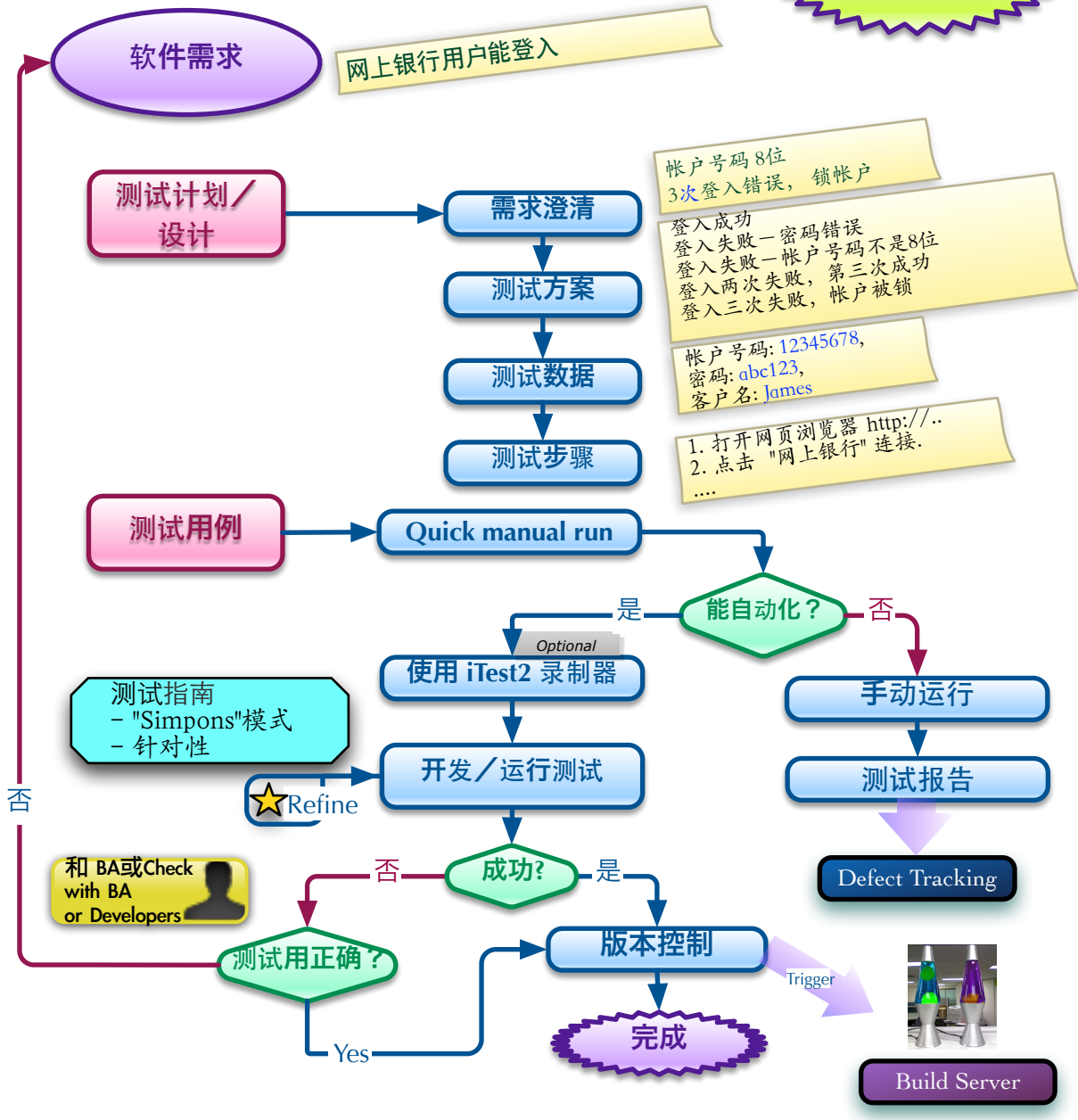
测试过程小结

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自动化测试，不亦乐乎！

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"Record/Playback 是自动化测试的最低效率的方法"
- WebTestRecorder 项目



RWebSpec 测试脚本实例

```

before(:all) do
  open_browser_with("http://bank.agileway.net")
end

it "bank customer can log in successfully" do
  enter_text("account_no", "12345678")
  enter_text("password", "abc123")
  click_button("Login")
  page_source.should include("Welcome James")
  click_link("Logout") # 'Simpson's Pattern'
end

it "Lock account if 3 consecutive login failures" do
  3.times do
    enter_text("account_no", "12345678")
    enter_text("password", "badpass")
    click_button("Login")
    page_source.should include("Login failed")
  end
  enter_text("account_no", "12345678")
  enter_text("password", "abc23")
  click_button("Login")
  page_source.should include("Account 12345678 is locked")
end
  
```



重构 -> 提高可维护性

```

before(:all) do
  open_browser_with("http://bank.agileway.net")
end

it "bank customer can log in successfully" do
  login_as("12345678", "abc123")
  page_source.should include("Welcome James")
  click_link("Logout") # 'Simpson's Pattern'
end

it "Lock account if 3 consecutive login failures" do
  3.times do
    login_as("12345678", "badpass")
    page_source.should include("Login failed")
  end
  login_as("12345678", "abc123")
  page_source.should include("Account 12345678 is locked")
end

def login_as(account_no, password) # parameterizing
  enter_text("account_no", account_no)
  enter_text("password", password)
  click_button("Login")
end
  
```