

Using Cucumber for collaboration

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Scenario: View the conference programme
Given I am on the ELAG 2018 website
When I click the programme button
Then I see the conference programme

Scenario: Vis konferanseprogrammet til ELAG

Gitt at jeg er på websida til ELAG 2018

Når jeg klikker "programme"-knappen

Så ser jeg konferanseprogrammet

```
Given(/^I am on the ELAG 2018 website $/) do
  driver.navigate.to "http://elag2018.org/"
end

When(/^I click the programme button$/) do
  driver.findElement(:id, "menu-item-2918").click
end

Then(/^I see the conference programme$/) do
  programme = driver.findElement(:class, "schedule")
  # silly check, might work
  expect(programme).not_to be_empty
end
```

Not...a testing tool

Code smell

And I verify that the data are correct

And I wait

And I wait

And I wait

Customer focus: Cucumber helps ~~business~~ [wider organisations] and IT collaborate to build a shared understanding of the business goals

Cucumber: a collaboration tool

c.f. <https://cucumber.io/blog/2014/03/03/the-worlds-most-misunderstood-collaboration-tool>

Process

- Specification workshops (three amigos) with:
 - People who define requirements
 - Programmers
 - Testers
- **Together:** write examples that define specification
- Programme tests, program software, run tests, repeat...
- **Together:** Ensure that scenarios are relevant over time, update...

Example

- Small team:
 - Product owner
 - Technical/Functional team lead
- Together, write (gherkin) specs for a minimal viable product
- Implement tests, code
- Check specs against currently understood criteria...

Benefits

- Single source of truth: specifications, tests and documentation are in the same document
- Living documentation: because they're automatically tested by Cucumber, your specifications are always bang up-to-date
- Customer focus: Cucumber helps ~~business~~ [wider organisations] and IT collaborate to build a shared understanding of the business goals

- Cucumber documentation
- Gherkin documentation