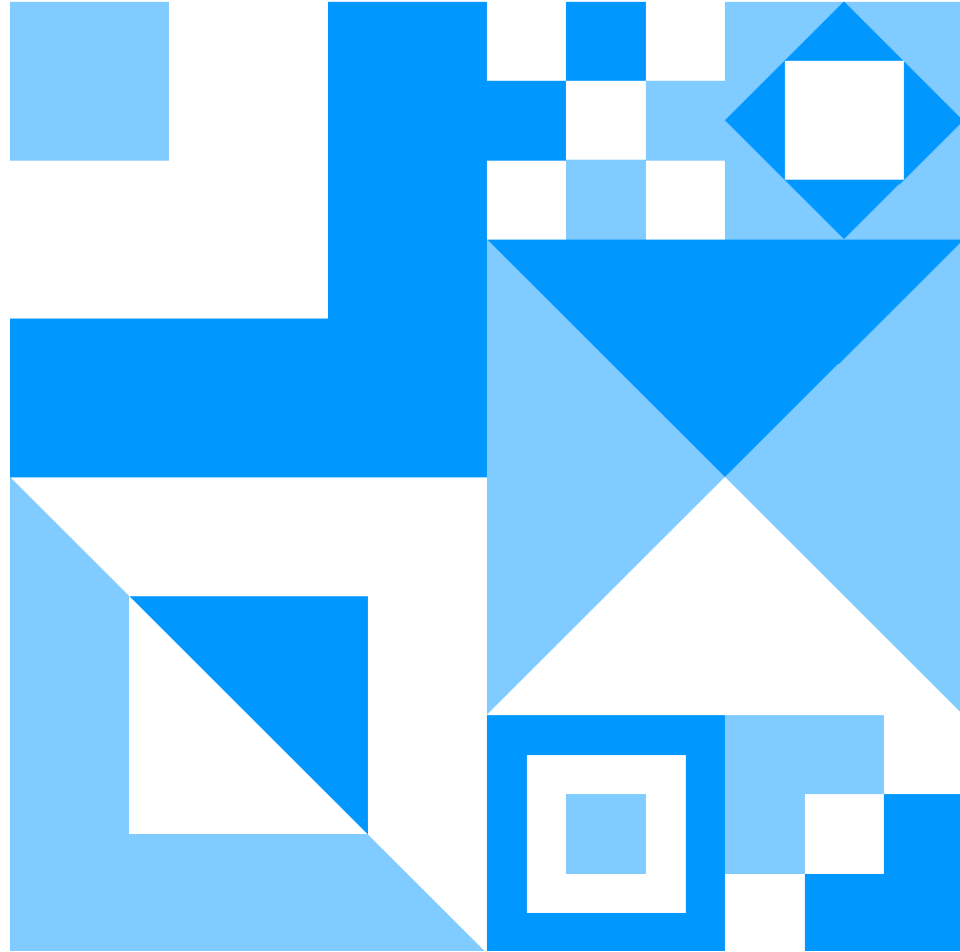




Co wspólnego ze sobą mają Rysie i strzykawki?

Automatyzacja
w Cognifide i Magnetic Point



Agenda

Introduction

About us

A bit of history

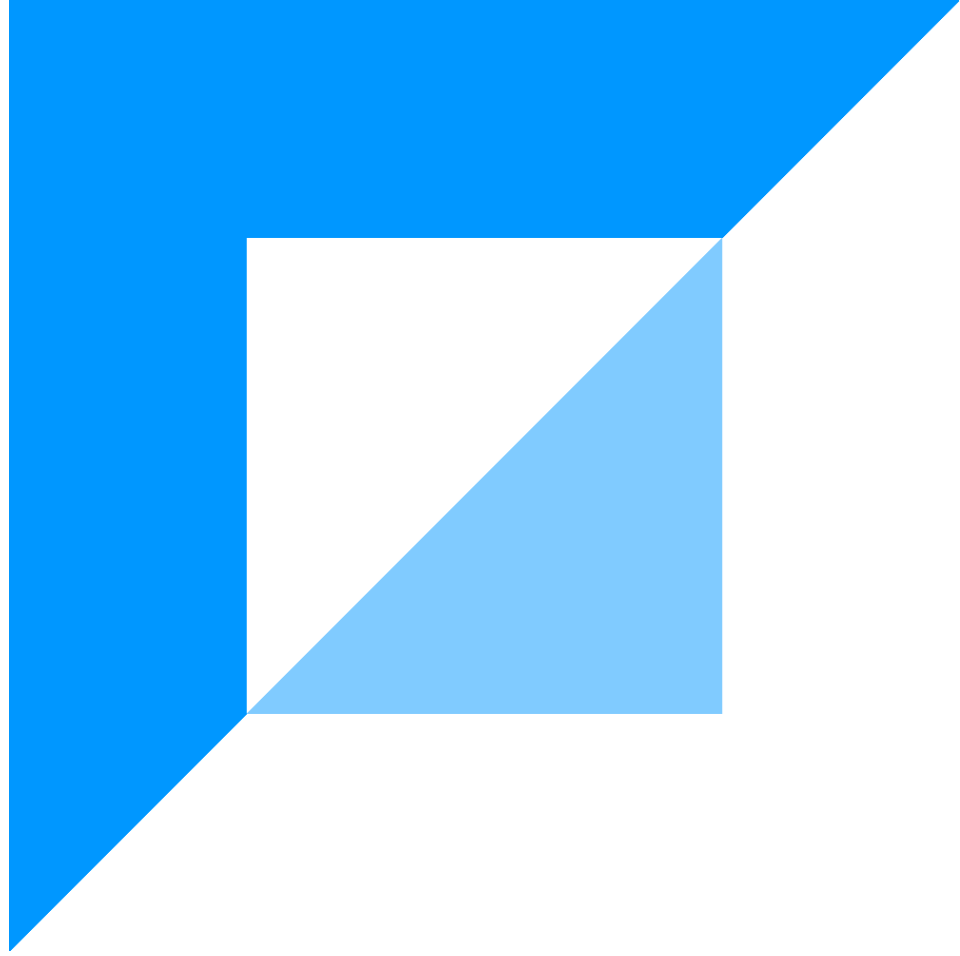
Bobcat

Overview

Demo time***

Opensource

Introduction



Introductions

About us



Michał Krzyżanowski

Mateusz Sańko



A bit of history

Automation frameworks in Cognifide

- Battlefield
- Battlefield 2
- Chuck

In general: done by QA, for QA

And finally...

- Bobcat

Bobcat



Bobcat

Insides and capabilities - overview

Bobcat

Overview

Written in Java

Wraps Selenium WebDriver

Tests run by JUnit

Cucumber-enabled

Mobile- and cloud-enabled

Multi-threaded

Tested

Bobcat

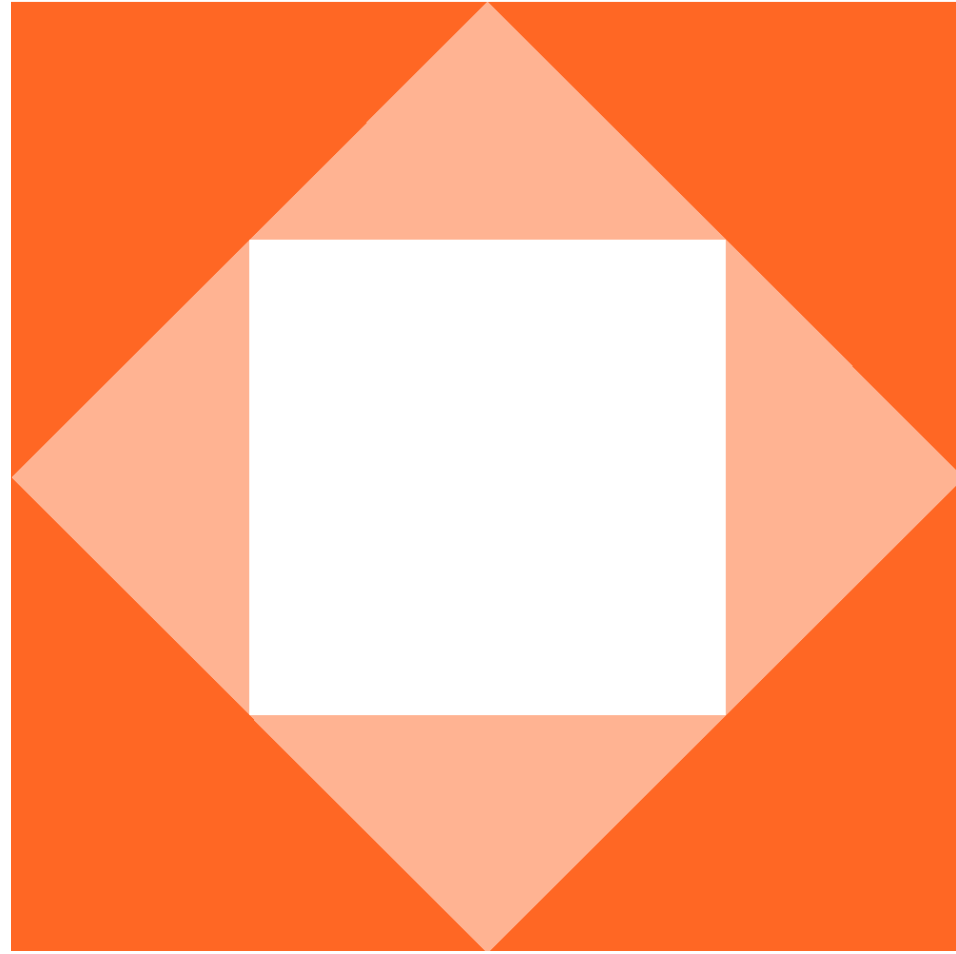
Overview

Dependency injection as the core design pattern

- Utilizes Google's Guice for all the magic

Demo time

Classic frameworks vs Bobcat



Constructing objects

No manual initialization: inject, inject and inject

- Easy to use WebDriver by injecting it
- Injecting Page Objects
- Injecting Actions
- Injecting Waits
- Injecting property files

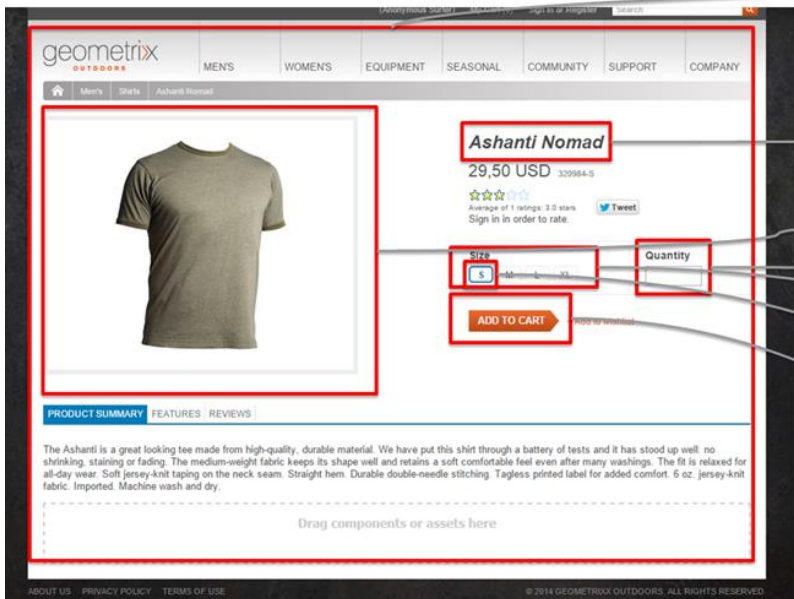
Test classes

- You don't have to extend any Templates or so in order to create your test class

Page Objects

- You don't need to care about page factory init

Page objects - decomposition



AshantiNomadPageComponent

ProductNameComponent

ImageComponent

QuantityComponent

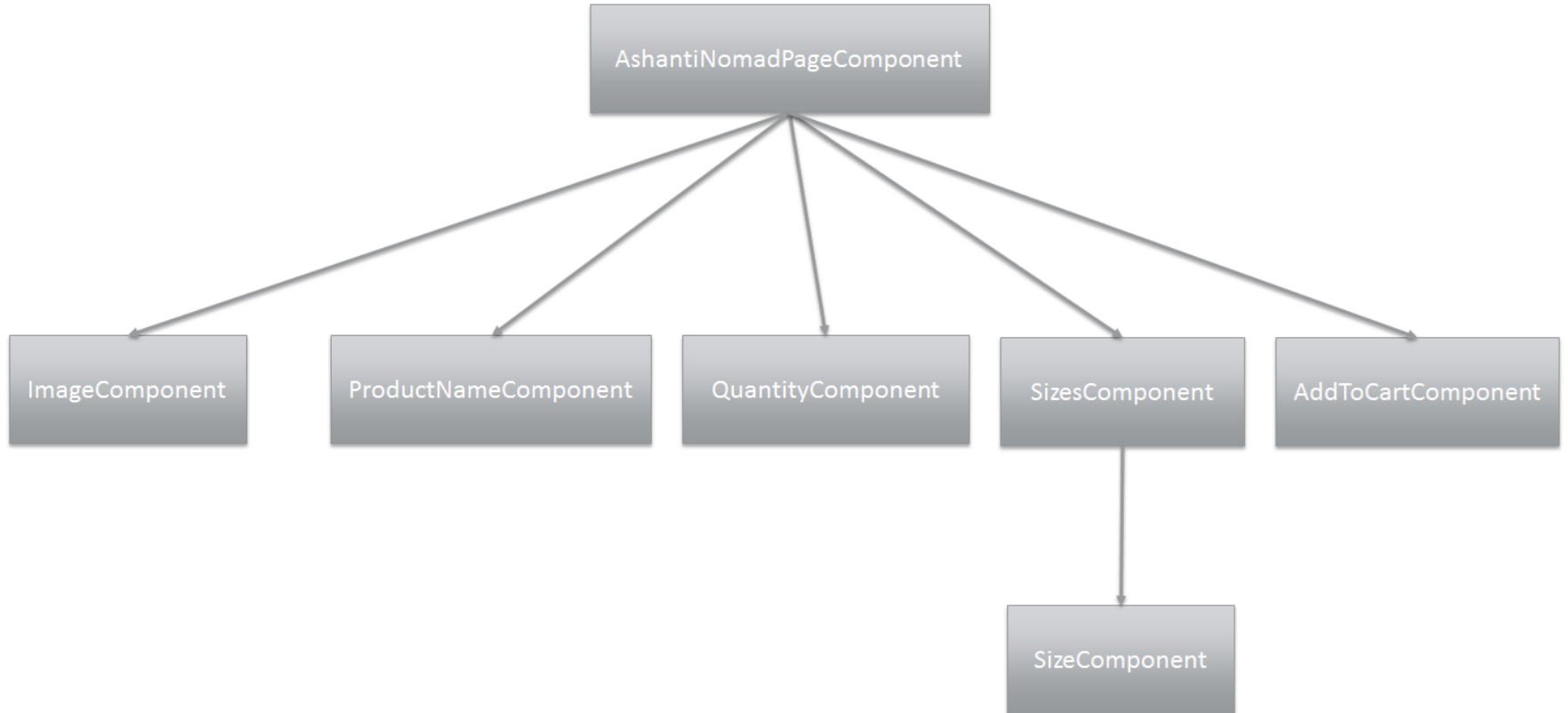
SizesComponent

SizeComponent

AddToCartComponent

Bobcat

Page objects - nesting



Bobcat

Scoping

Bobcat builds a tree of all Page Objects

- allows to work in the scope of a specific PO
- elements lookup is done with respect to the whole POs tree

Benefits:

- Shorter locators:
 - no need for e.g. “.my-div1 .my-div2 .my-span3” before all the WebElements
- cleaner code

Current Scope

How to access current page object

- Simple - use @CurrentScope

Global

What if you want to search outside?

- Simpler - use @Global

Bobcat

Frames handling

Bobcat has in-built frames handling

- Allows an easy and clean way of building PO structures
- Implementation: @Frame
 - can be applied on a whole Page Object or a single method

Benefits:

- again, cleaner code
- less problems with WebDriver management (no manual frame switching... and remembering to switching back to the default context)
- out-of-the-box drag and drop functionality between iframes

Multiconfiguration

How can I easily switch between browsers?

Correcting Selenium

When Selenium method doesn't work as expected you can override it using your own implementation

There are 160 opened issues on GitHub issue tracker!!!

Bobcat can be a core of your framework

You can use it...

Open source



Bobcat on github!

Soon...

Stay tuned!

Thank you

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