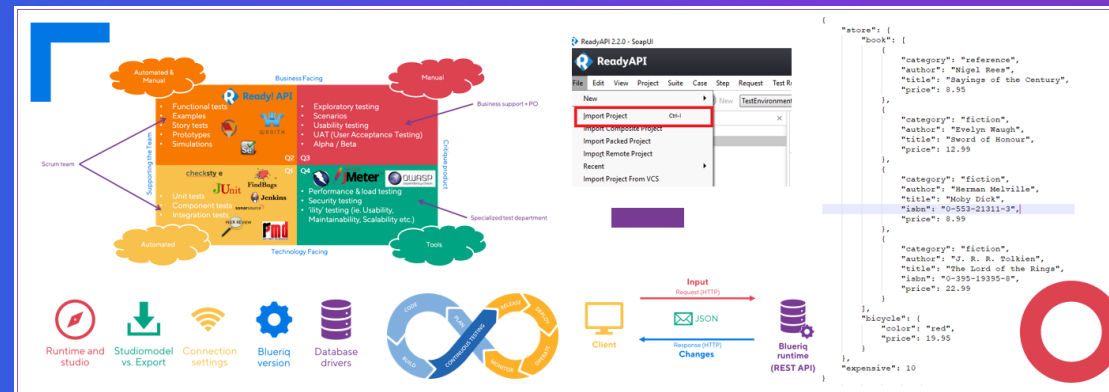


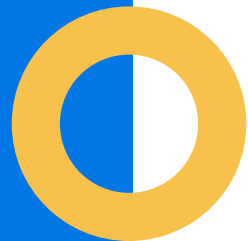
Blueriq Test Approach

An in depth encounter with testing Blueriq applications



blueriq

Program



Introduction

- CI / CD
- Test strategy
- Test tooling

Blueriq Communication

- Response and request handling

JSON Path

- Theory
- JSON Path exercise

Building testcases

- Testcase exercise

Lessons learned at Obvion

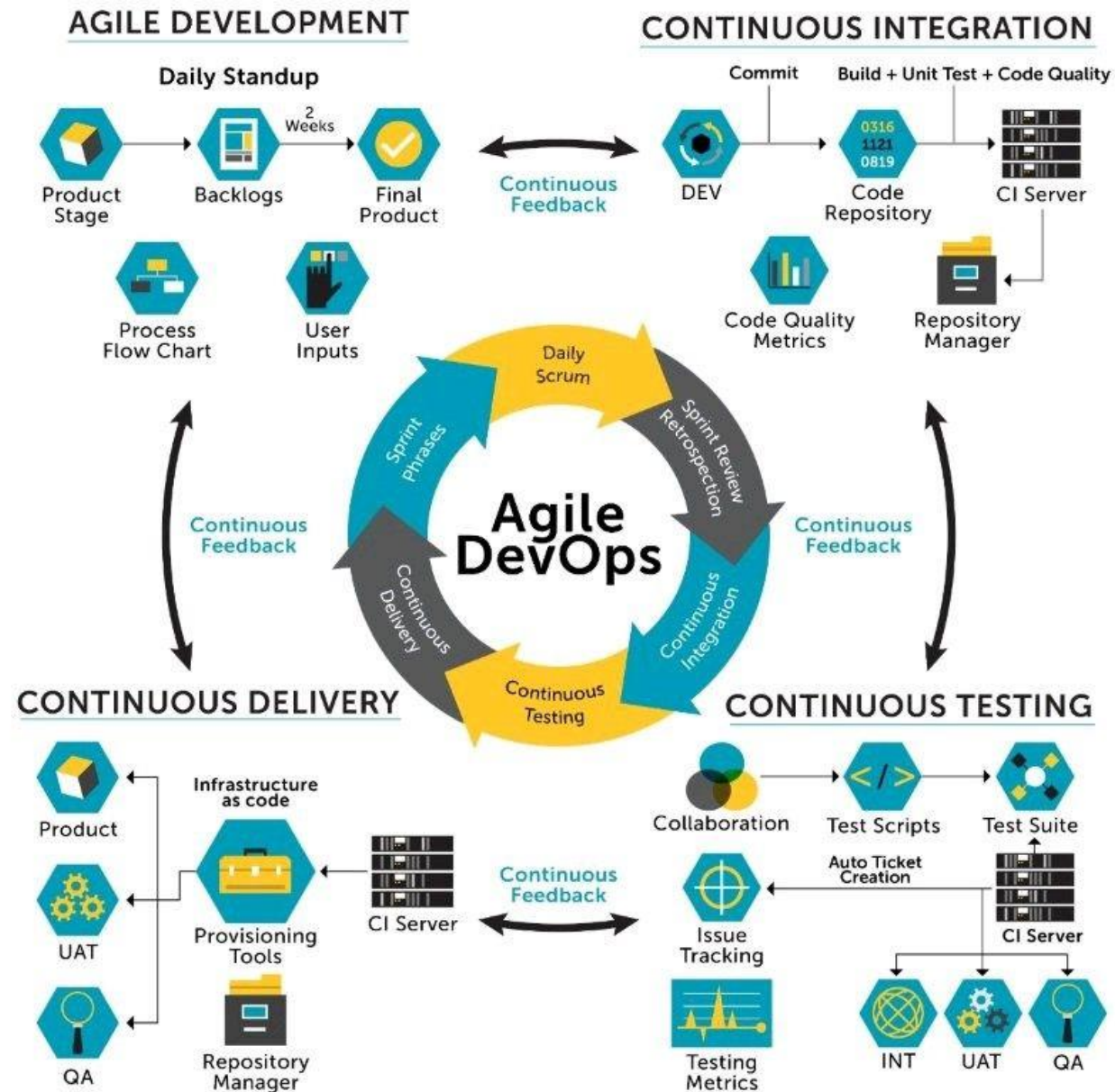
- Setup
- Postman

Building your own testcases

BMI and BMA

- So what else is possible?

All together?



Courses on branching

<https://www.codeschool.com/learn/git>

Try Git (15 min)

- Discover Git

Git Real (4 – 5 hr)

- Introduction
- Staging & Remotes
- Cloning & Branching
- Collaboration Basics
- Branching
- Rebase belong to us
- History and Configuration

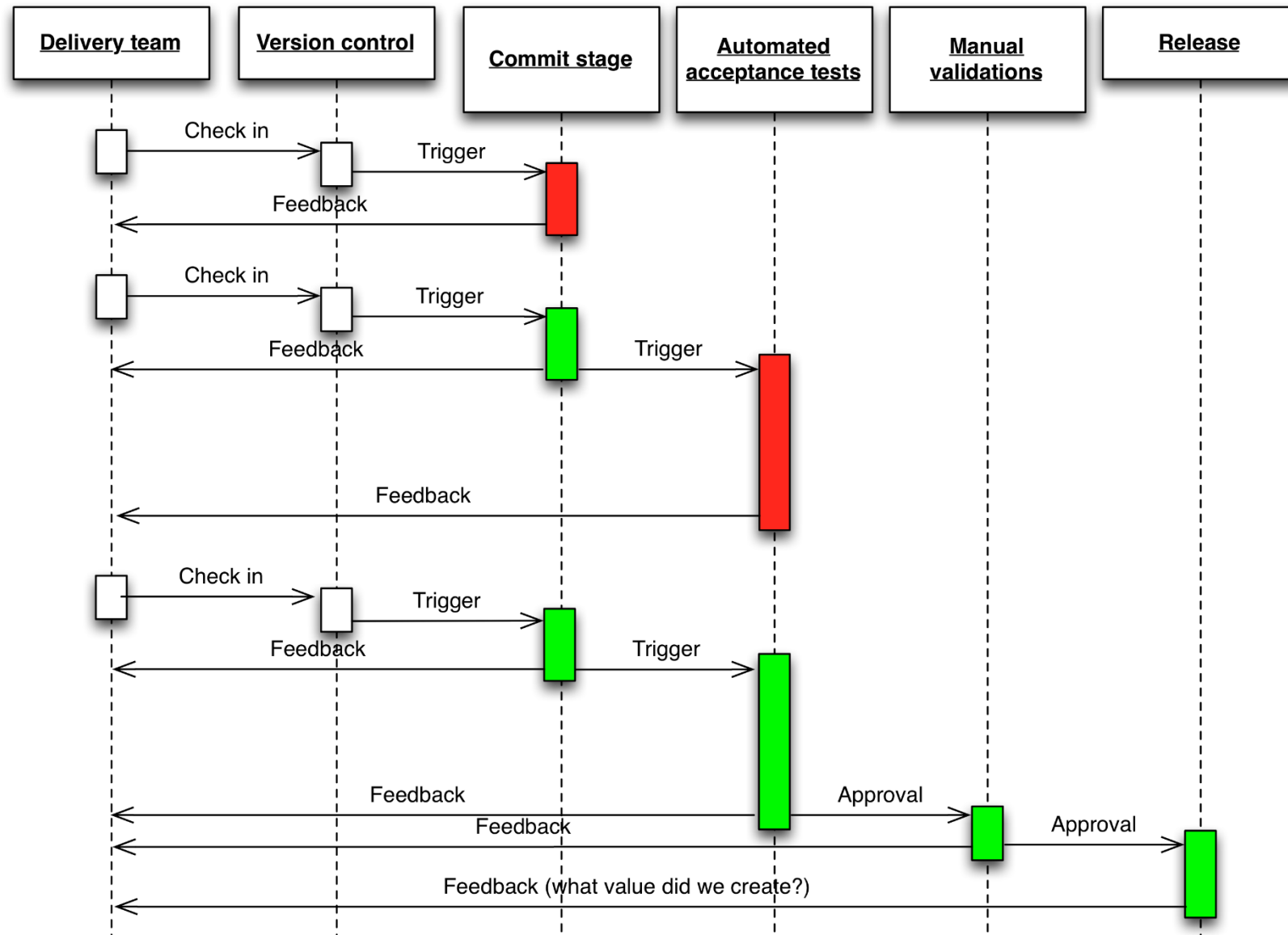
Git Real 2 (4 – 5 hr)

- Interactive Rebase
- Stashing
- Purging History
- Working together
- Submodules
- Reflog

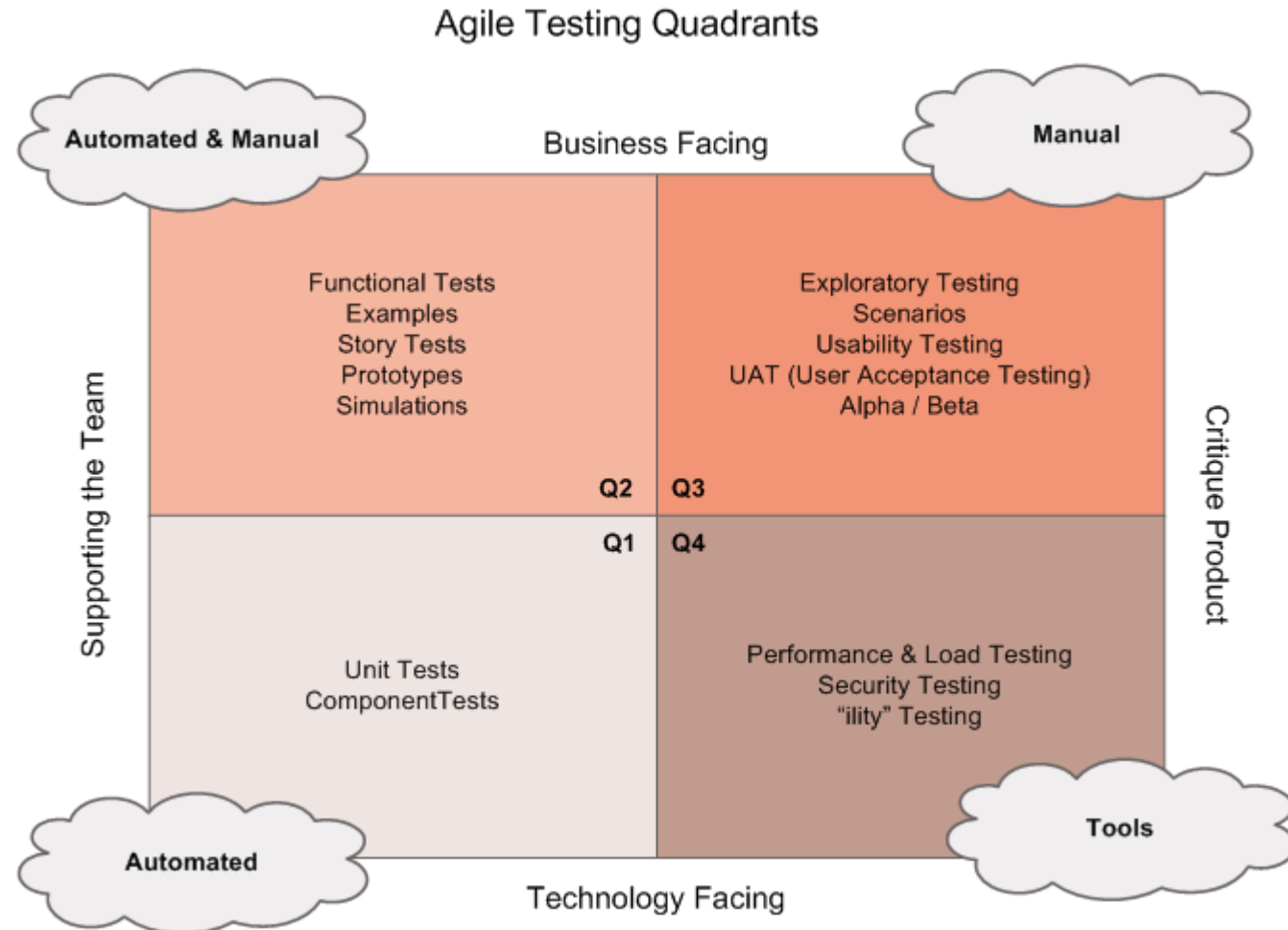
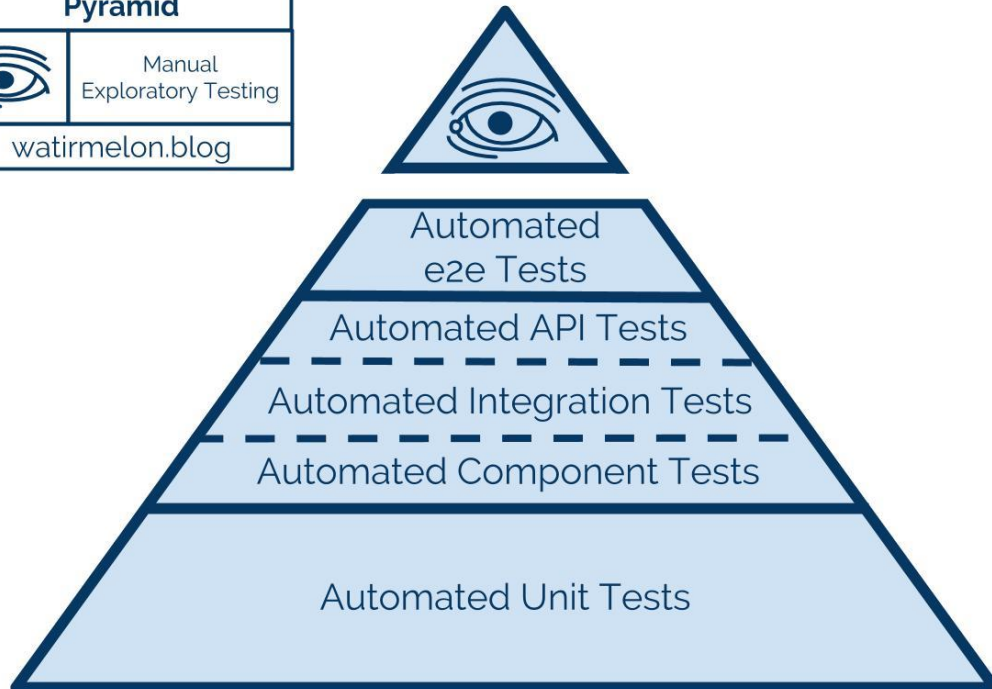
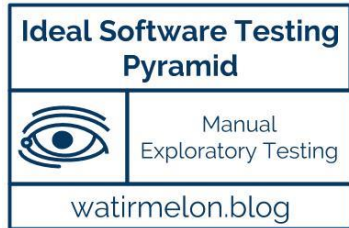
Mastering GitHub (6 – 8 hr)

- Fork Based Workflows
- Single Repository Workflows
- Tags, Branches and Releases
- Issues, Wiki's and GitHub Pages
- Managing and Securing GitHub
- Automating GitHub
- Command Line GitHub

Automation of Continuous Testing

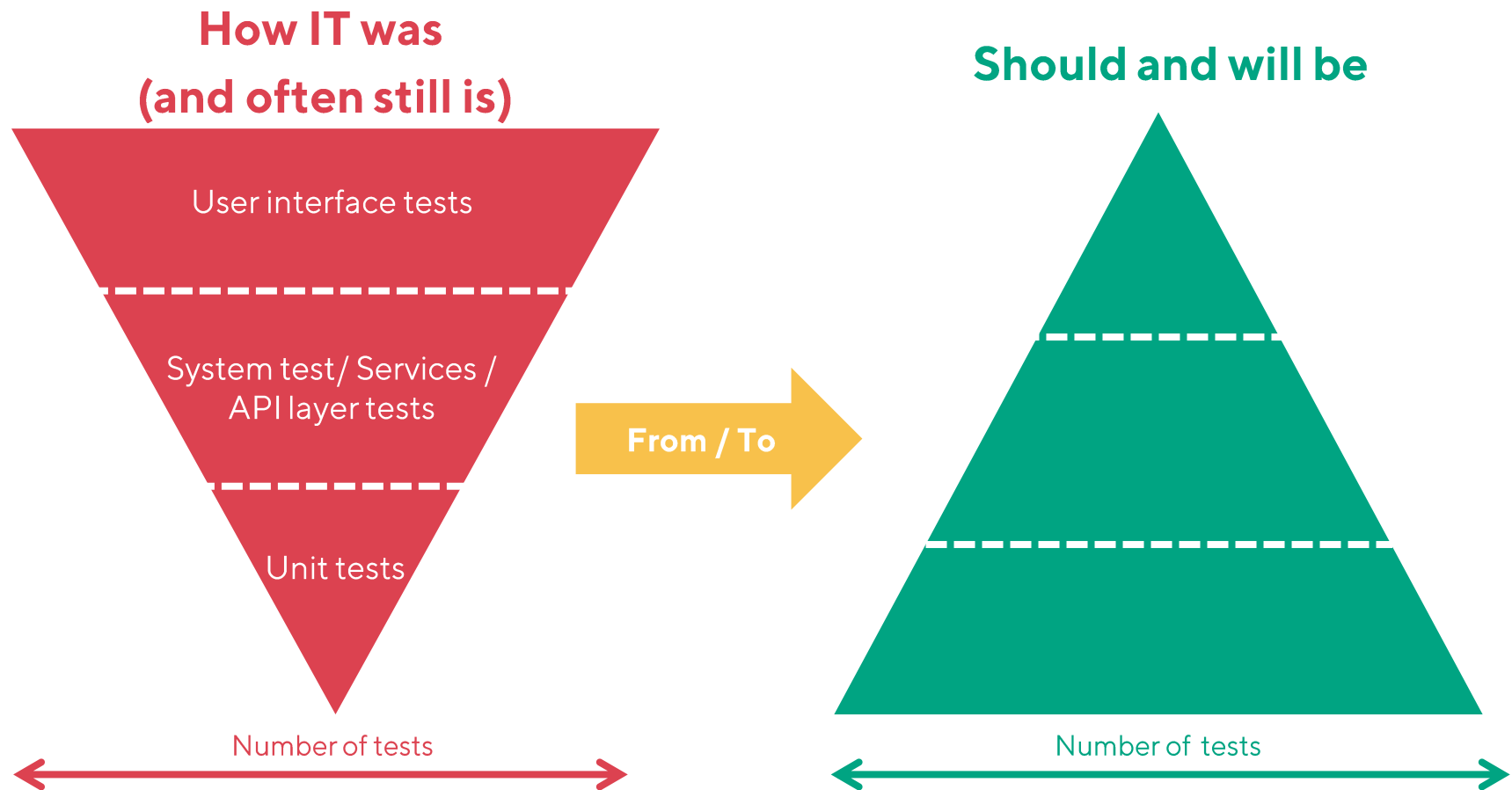


Make a test strategy



Testing pyramid (reversed)

What do we (still) see very often?



Blueriq Test approach from start to end

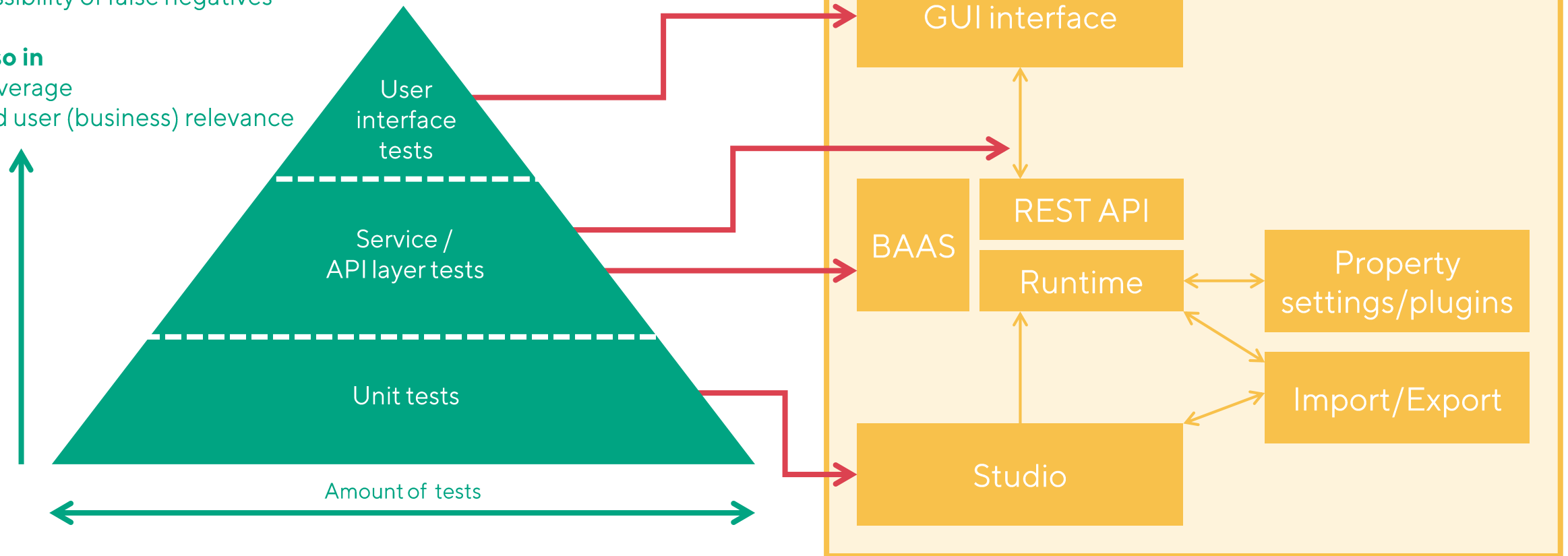
Test quality on the correct level

Increase in

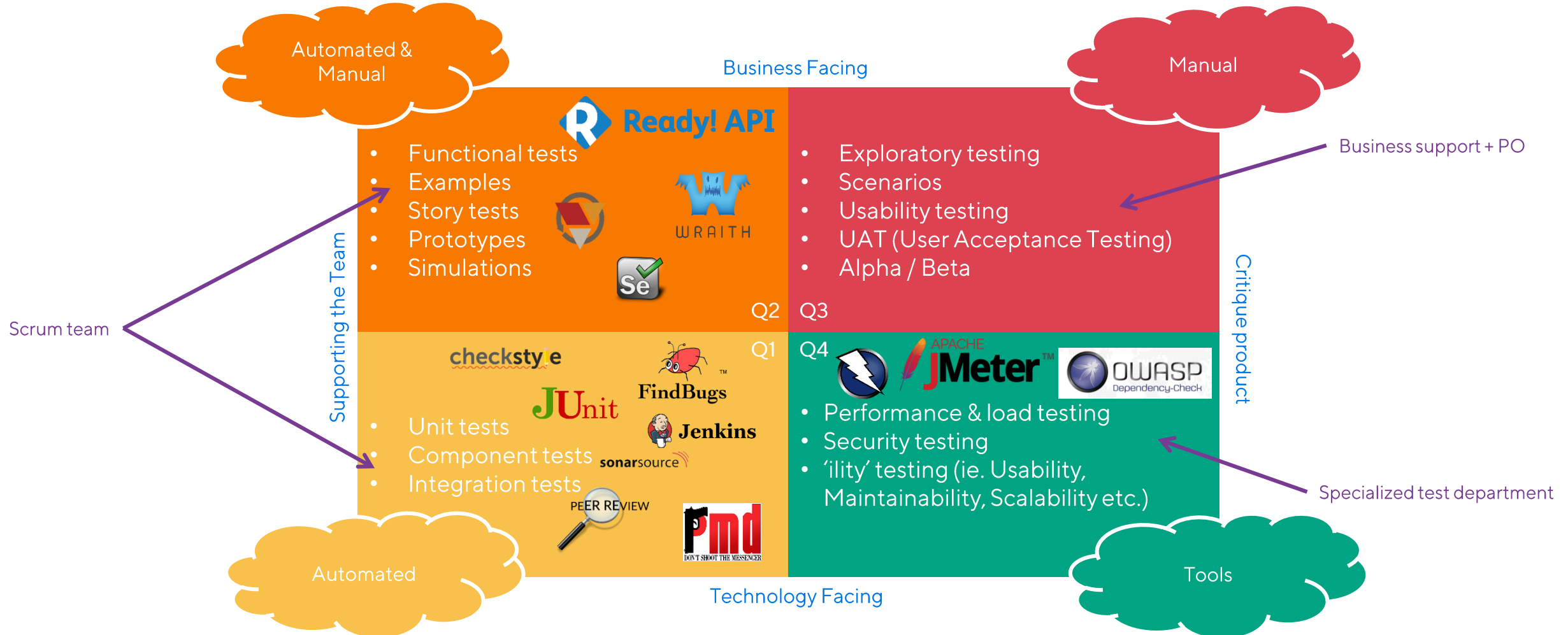
- Cost to develop and maintain
- Execution time
- Possibility of false negatives

But also in

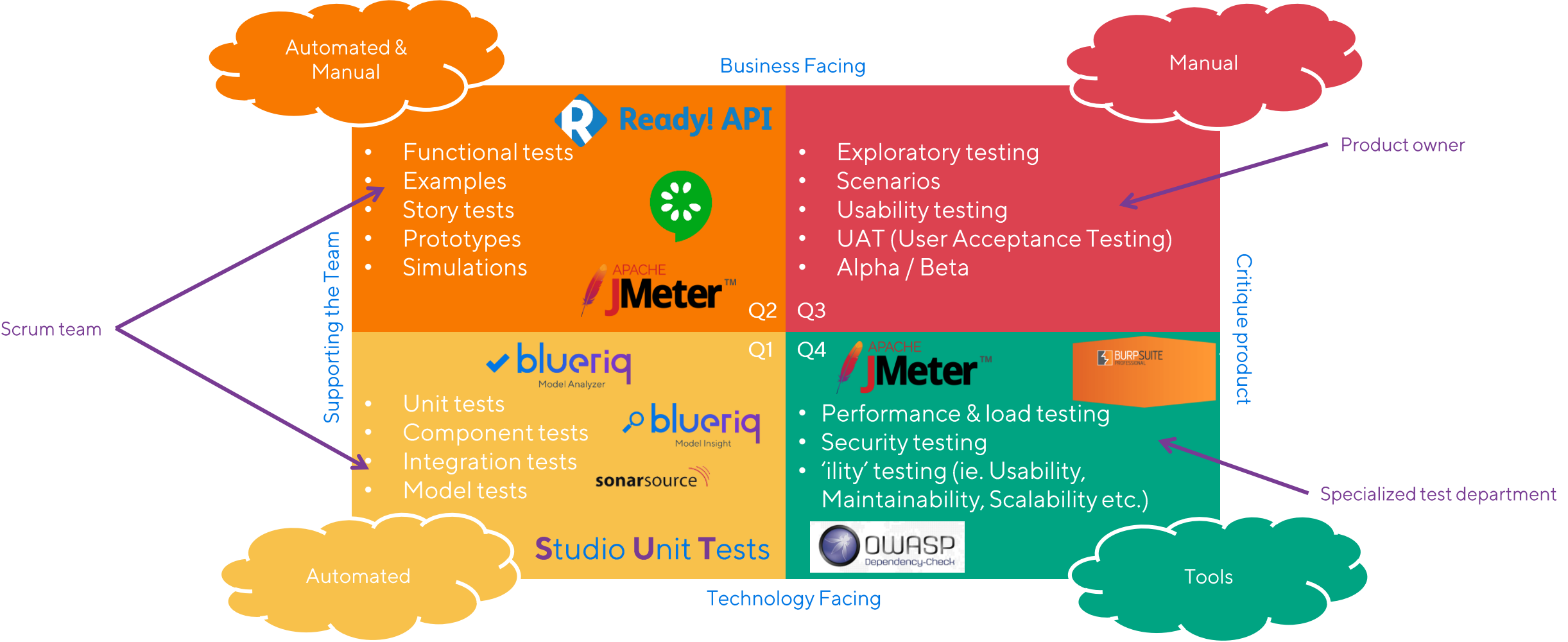
- Coverage
- End user (business) relevance



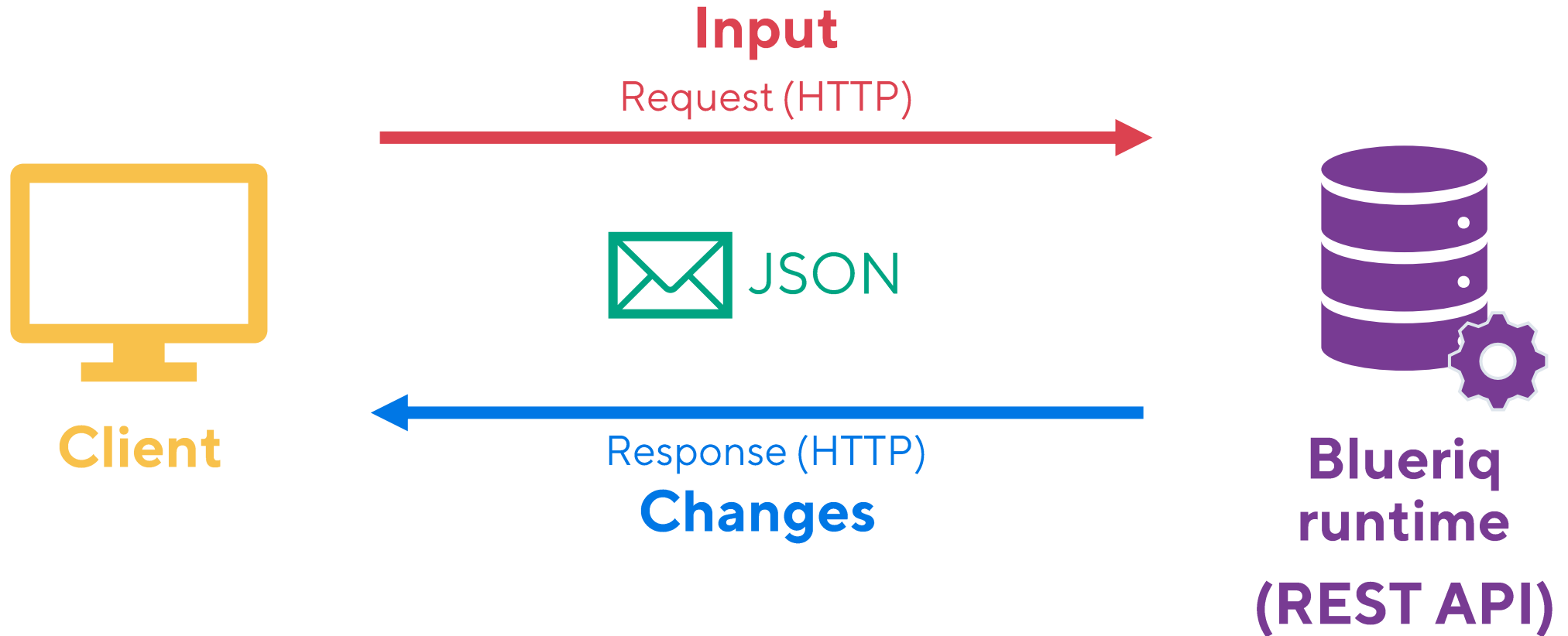
Test Strategy Blueriq development



Test Strategy Blueriq customers



Communicating with Blueriq



JSONPath - Basics

Used to search through JSON like Xpath does in xml.

Searching for the third location can be done in two ways:

Dot notation:

- `$.tool.jsonpath.creator.location[2]`

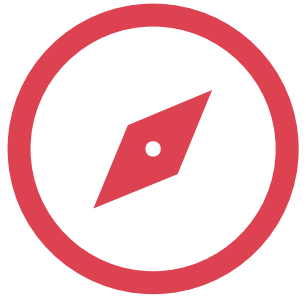
Bracket notation:

- `$['tool']['jsonpath']['creator']['location'][2]`

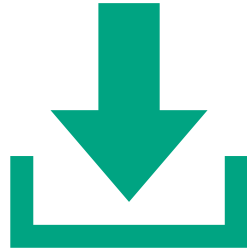
The (\$) represents the root object.

```
{
  "tool": {
    "jsonpath": {
      "creator": {
        "name": "Jayway Inc.",
        "location": ["Malmo",
                     "San Francisco",
                     "Helsingborg"]
      }
    }
  },
  "book": [{
    "title": "Beginning JSON",
    "price": 49.99
  },
  {
    "title": "JSON at Work",
    "price": 29.99
  }
]
```

Setup



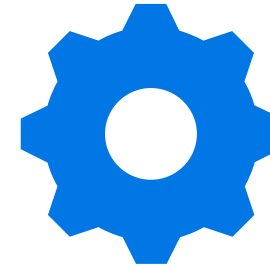
Runtime and
studio



Studiomodel
vs. Export



Connection
settings

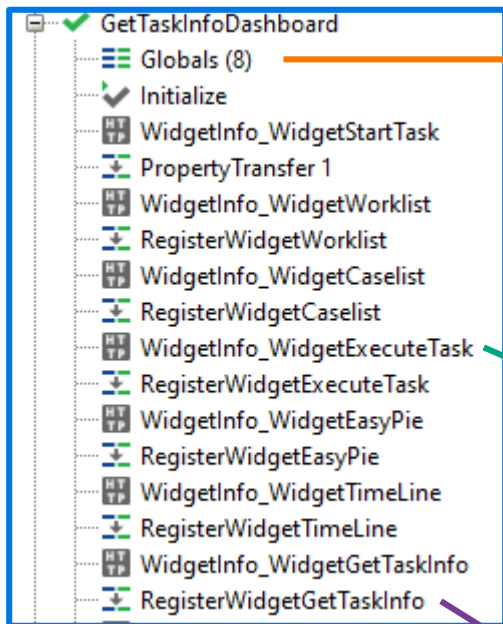


Blueriq
version



Database
drivers

Multiple sessions (Widgets / Dashboards)



Property storage for all the sessionid's

Name	
mainPortalSessionId	dff9c2ab-f4b9-45bc-ba41-f270ed6ca372
WidgetStartTaskId	d5bcf4fa-064b-486c-932a-12e890d82e08
WidgetWorklistId	d5bcf4fa-064b-486c-932a-12e890d82e08
WidgetCaseListId	82c929ff-b512-4b64-af79-fa1b90d52c31
WidgetExecuteTaskId	1a089a87-01b3-4aec-bd79-0231239a4674
WidgetEasyPieId	bb327631-b0da-4893-9af3-0ca35a6ead5c
WidgetTimeLineId	56bea3e1-ba14-48fb-89f5-d98e1efc4654
WidgetGetTaskInfoId	5cfbcde1-497d-4d32-8cd2-2d0d9e6b5542

HTTP request per widget

Method Request URL:

Property transfer to save the sessionid

Source: Property: Path language:

Target: Property: Path language: