



10X - Développer
sans compromis
sur la qualité

donetechno.com



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xUnit.net

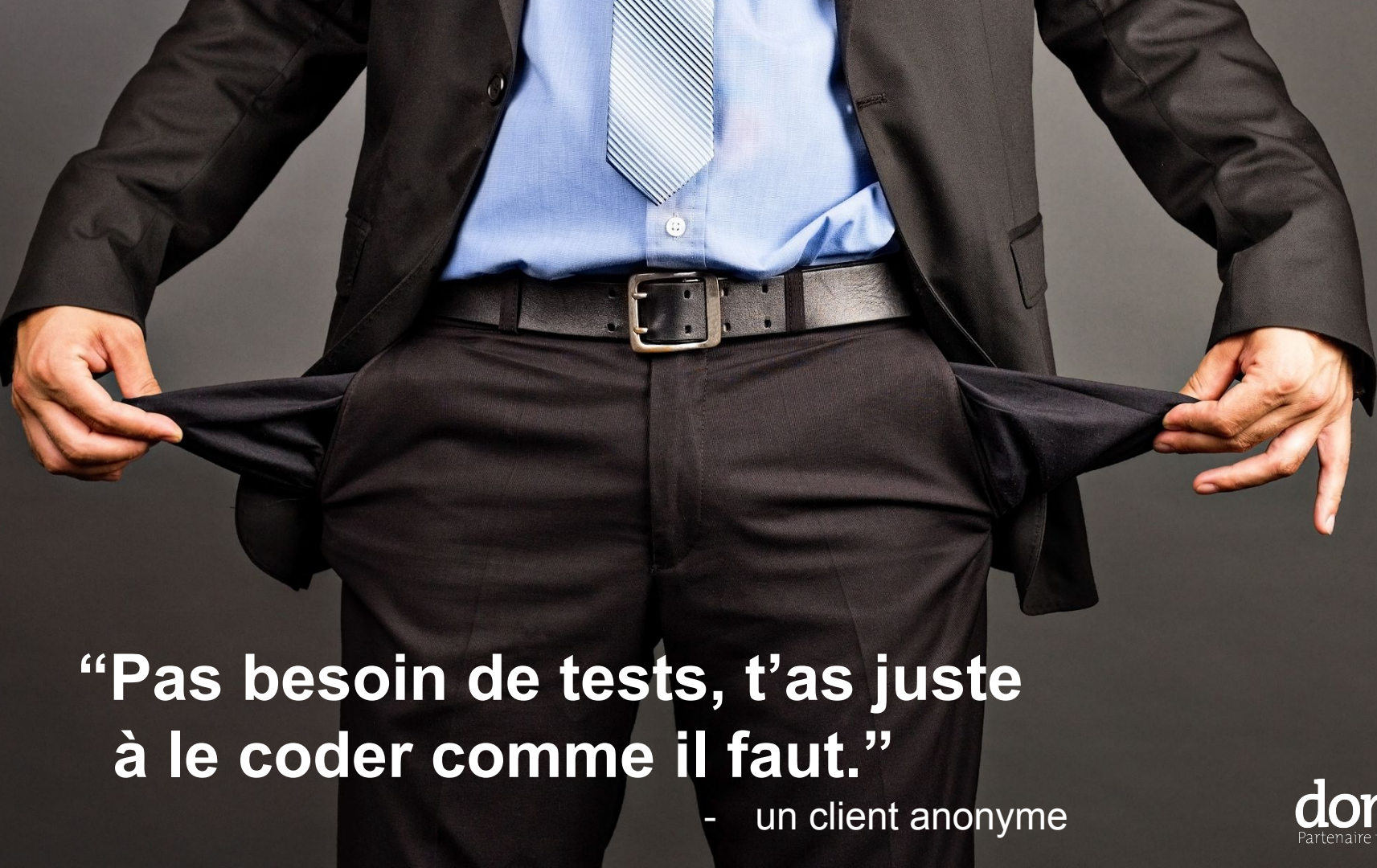


JUnit



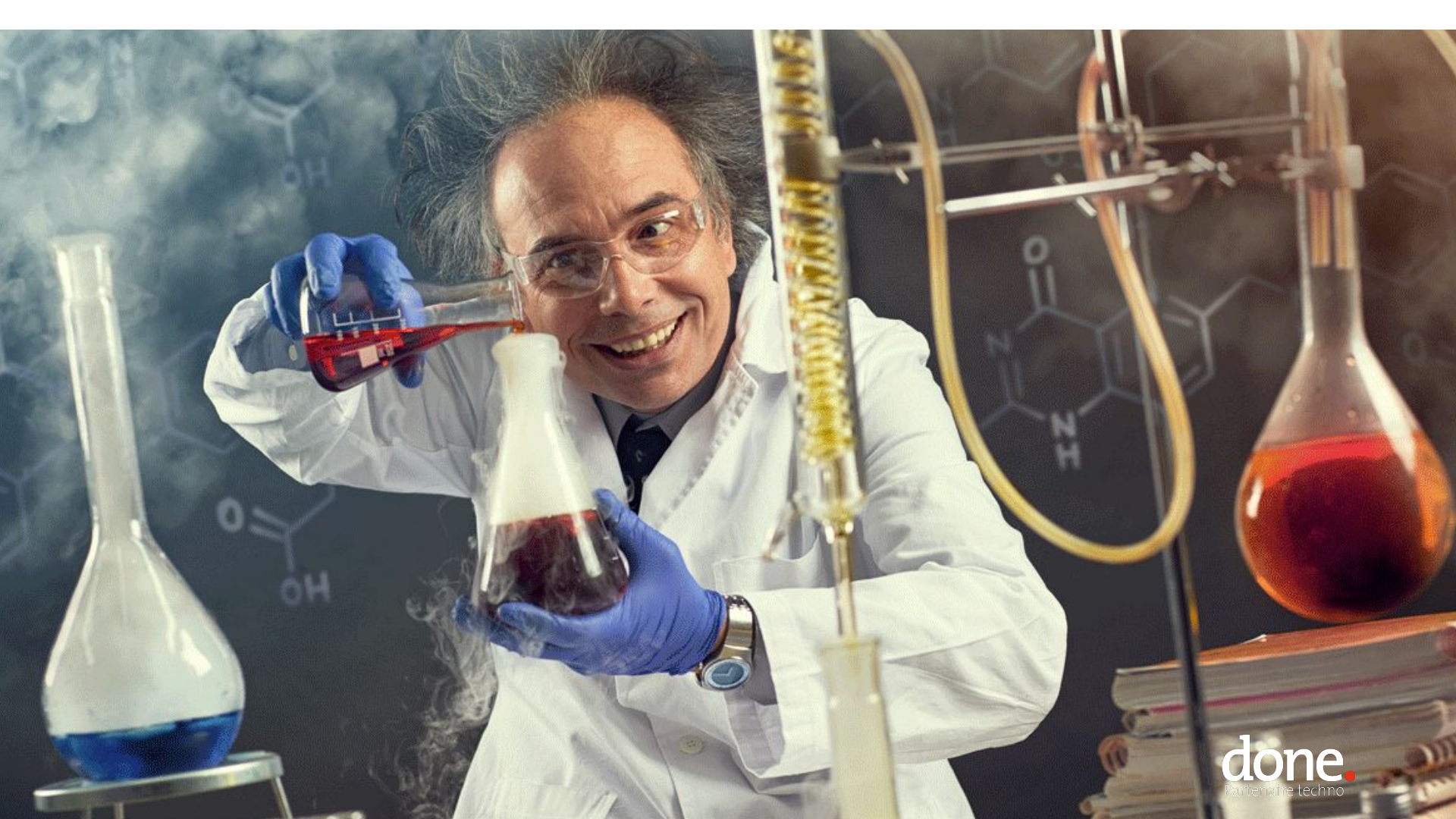
A white humanoid robot with a sleek, futuristic design is shown from the chest up. It is wearing a large black headset with a microphone. The robot is positioned in front of a large, dark computer monitor, looking at it with a focused expression. The background is a blurred office environment with large windows and modern architecture.

Tests UI Web (E2E / Front end)



**“Pas besoin de tests, t’as juste
à le coder comme il faut.”**

- un client anonyme



Outils et méthodes



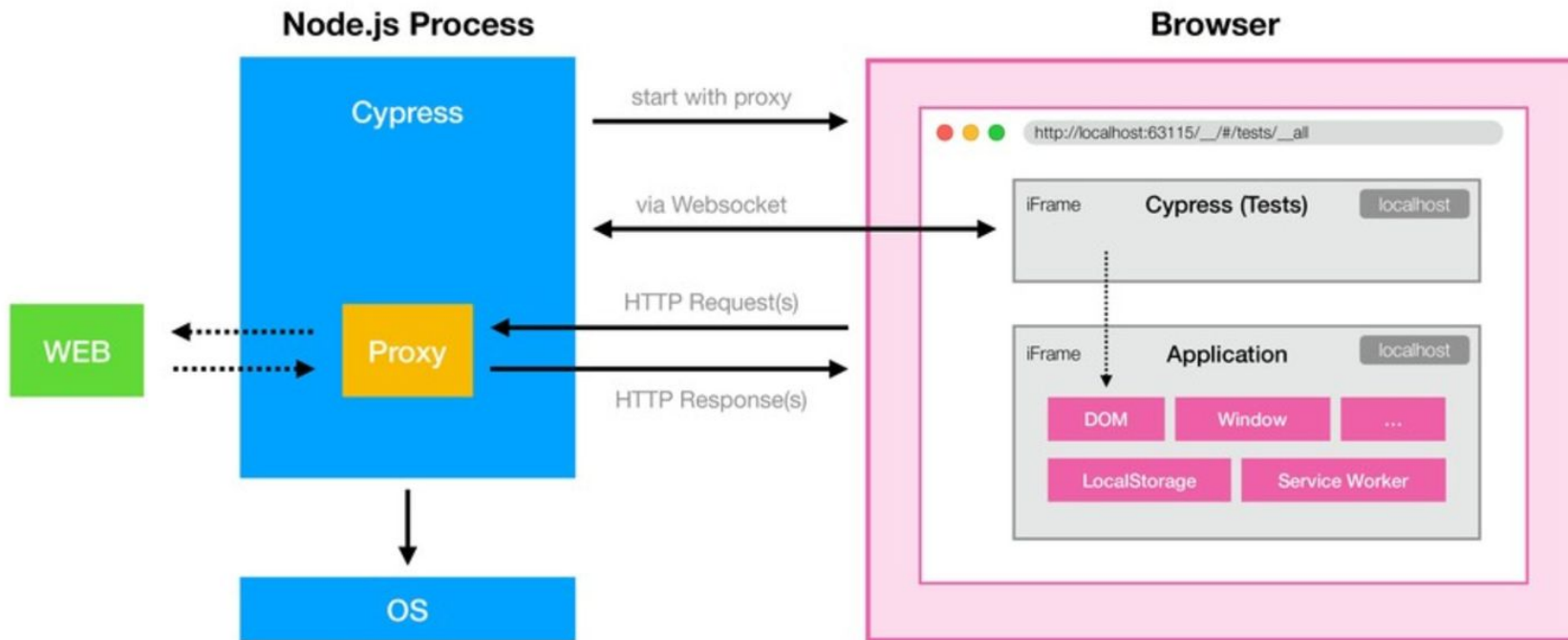


Framework de test end-to-end javascript

Seleniumless

Open source

Septembre 2017





That's all Folks!

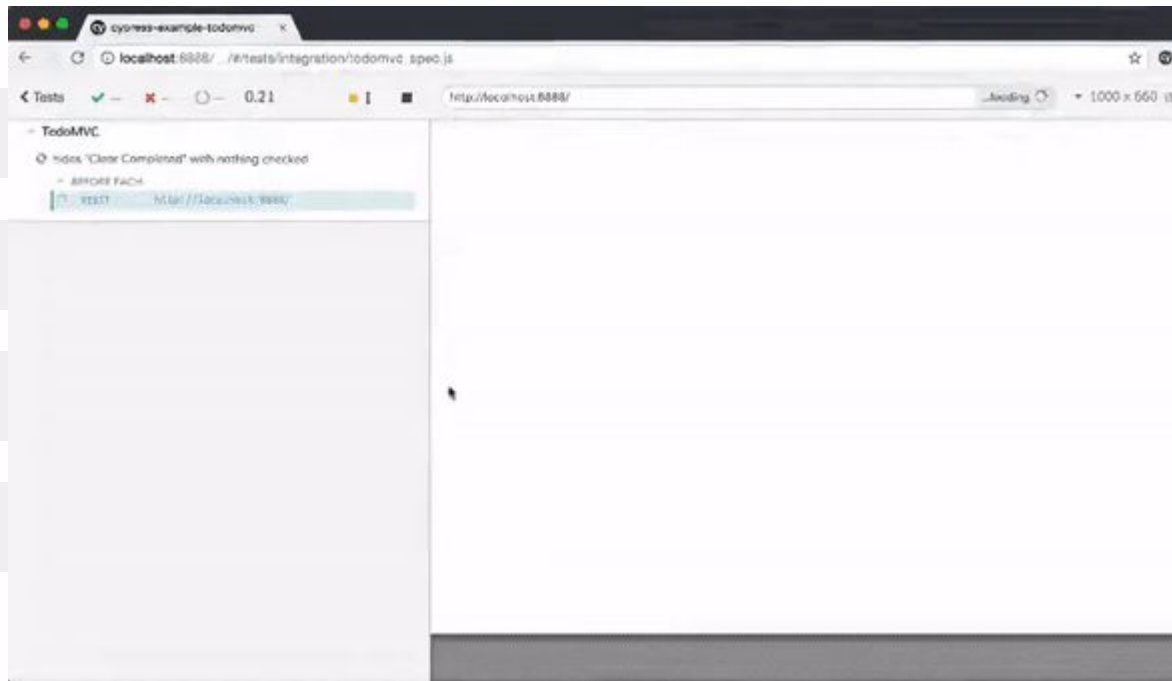
Exécuteur de tests

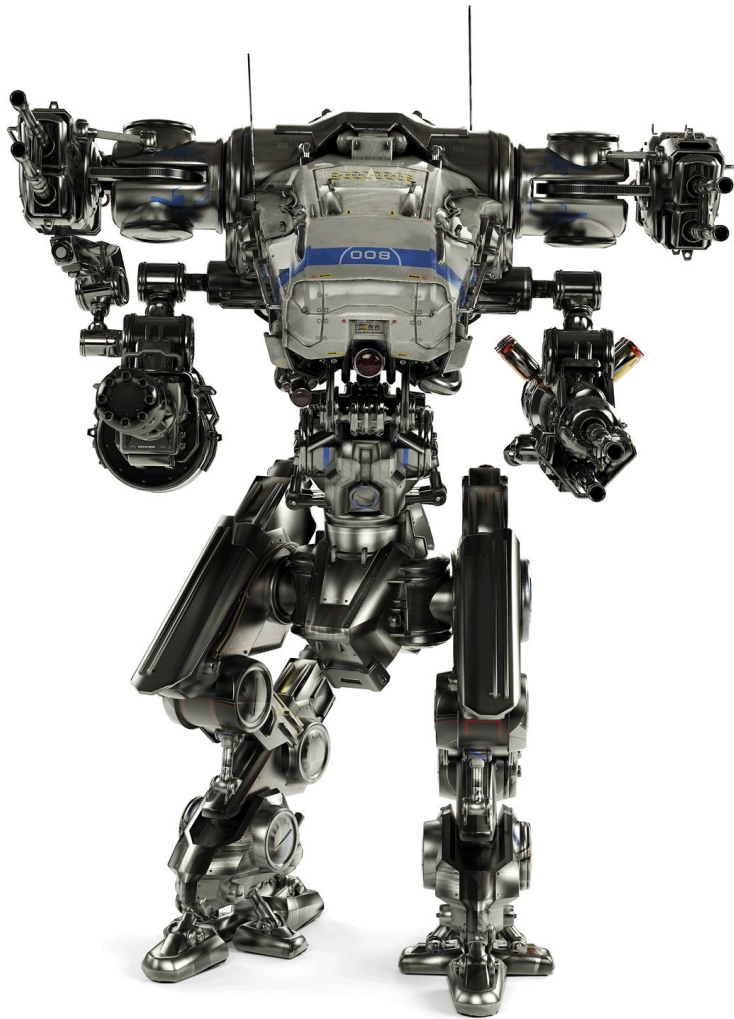
Valider les résultats

Voyager dans le temps

Surligner les éléments

Investiguer facilement





Sélecteur

Actions

Comparaison

Interaction avec le navigateur

Réseau

Système

```
describe('My example test', function() {  
  it('Should show my audience how Cypress test work', function() {  
    cy.visit('https://example.cypress.io')  
  
    cy.contains('type').click()  
  
    // Should be on a new URL which includes '/commands/actions'  
    cy.url().should('include', '/commands/actions')  
  
    // Get an input, type into it and verify that the value has been updated  
    cy.get('.action-email').type('fake@email.com').should('have.value', 'fake@email.com')  
  })  
})
```


Sélecteur

sélecteur css

contenu

cibler

...

```
cy.get('#password-input')
```

Nom d'utilisateur

Mot de passe

.....

Afficher [Mot de passe oublié?](#)

Ouvrir une session

[Créer un compte](#)

```
cy.get('#show-password').click('topRight')
```

Nom d'utilisateur

Mot de passe

.....

Afficher Mot de passe oublié?

Ouvrir une session

Créer un compte

Actions

click

type

focus

...

Assertion

Librairie Chai

Ext : Sinon

Ext : JQuery

```
describe('My assert example', function() {  
  it('should show possibilities with Cypress', function() {  
  
    cy.get('li.selected').should('have.length', 3)  
  
    cy.get('#header a').should('have.attr', 'href', '/users')  
  
    cy.get('form').find('input').should('not.have.class',  
    'disabled')  
  
  })  
})
```




http://

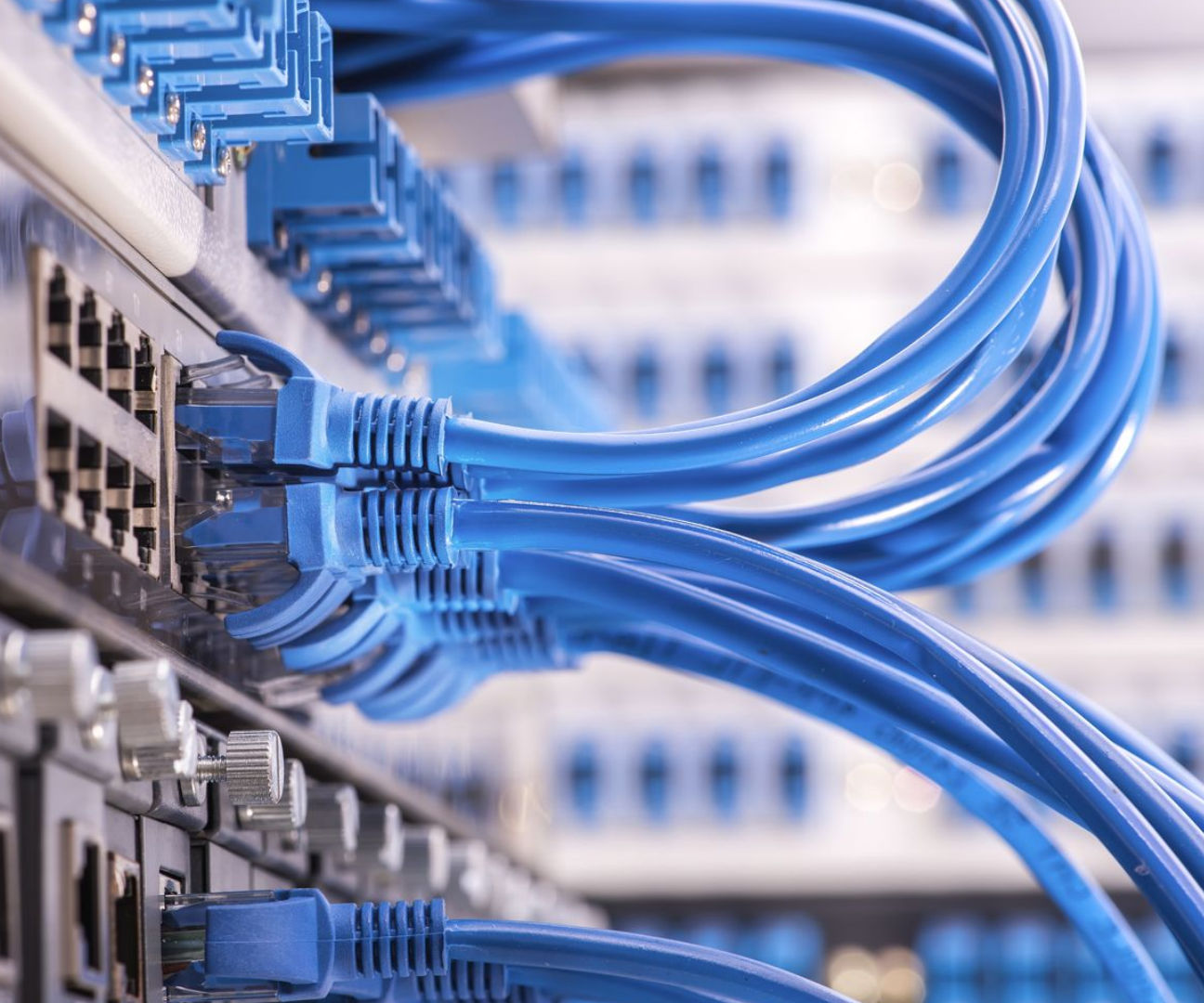
Search

Clock

LocalStorage / Cookies

Browser navigation

...



Réseau

Proxies

Stub

Spy

Systeme

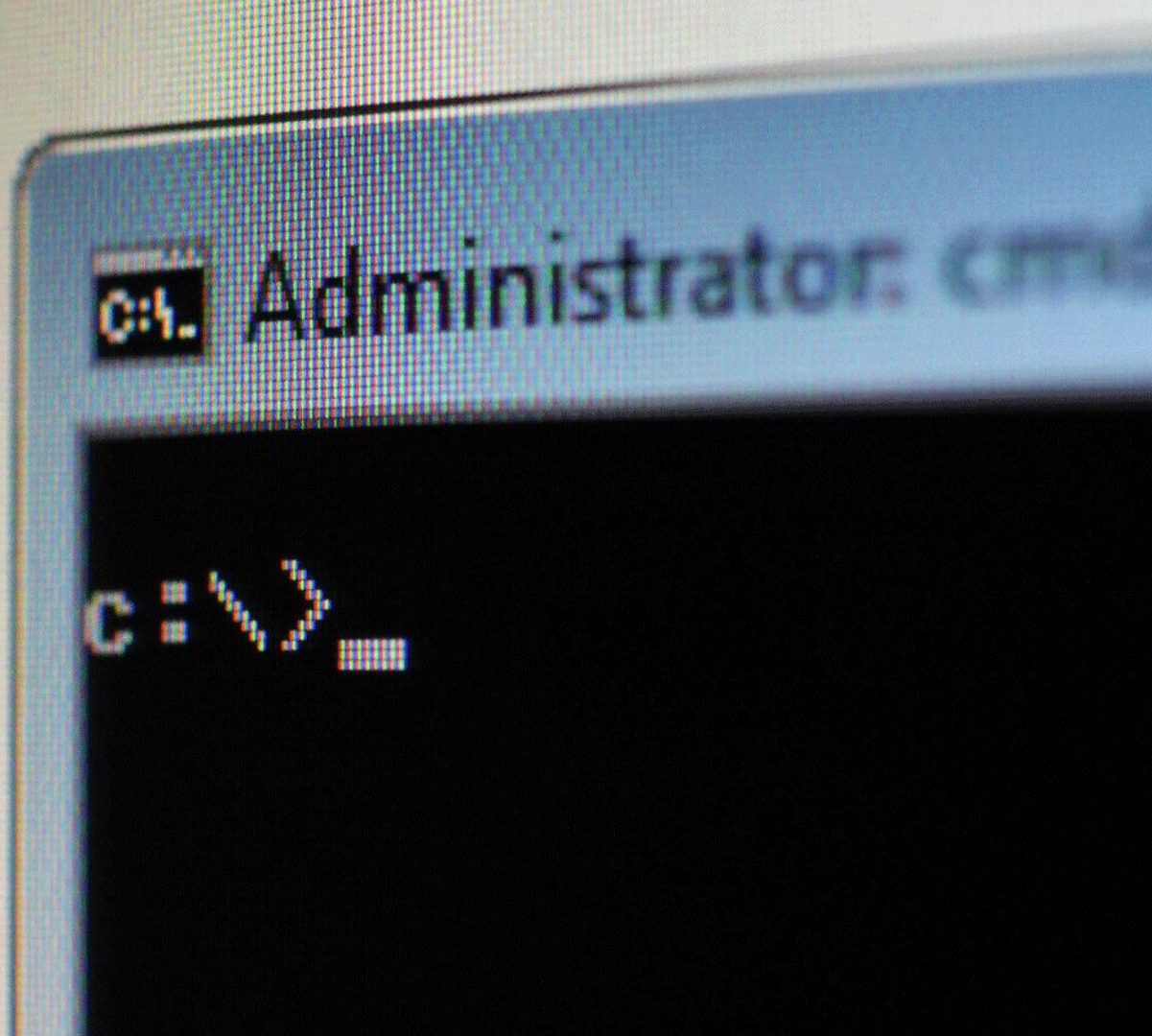
exec

fixture

readFile

writeFile

...



Intégration continue

- **Headless browser**
- **Vidéo et prise d'écran**
- **Tableau de bord**
- **Parallélisation des tests**

The screenshot displays the Cypress CI dashboard. On the left, a sidebar lists several test runs with green status icons and timestamps: 'Cypress / cypress-documentation' (9 mins ago), 'Cypress / cypress-example-recipes' (15 mins ago), 'Cypress / cypress-example-kitchensink' (2 hours ago), 'Cypress / cypress-dashboard' (2 hours ago), 'Cypress / cypress-example-piechopper' (21 hours ago), 'Cypress / cypress.io' (1 day ago), and 'Cypress / cypress-example-todomvc' (6 days ago). The main area shows the 'cypress-documentation' public repository. Below the repository name, it states 'Last updated: 3:21:45pm'. A table lists recent runs with columns for ID, Details, Run time, Duration, Environment, CI, and Pass/Fail status. The table shows five runs, all of which passed. The details for each run include the commit hash, the branch or pull request, and the specific test command or issue being addressed.

NO.	DETAILS	RAN	DURATION	ENVIRONMENT	CI	PAS
#2485	Issue-#451 Merge branch 'develop' into issue-#451	9 mins ago	01:04	Debian - 8.10	Circle #2853	✓
#2484	master Merge pull request #460 from cypress-io/develop	19 mins ago	01:14	Debian - 8.10	Circle #2850	✓
#2483	cy-task add references for cy.task recipe	29 mins ago	01:06	Debian - 8.10	Circle #2848	✓
#2482	develop Issue 458 (#459)	a day ago	01:05	Debian - 8.10	Circle #2845	✓

Faiblesse de cypress.io

Browser support

Parallélisation des tests

Un seul langage de programmation



Forces de cypress.io



Riche en fonctionnalités

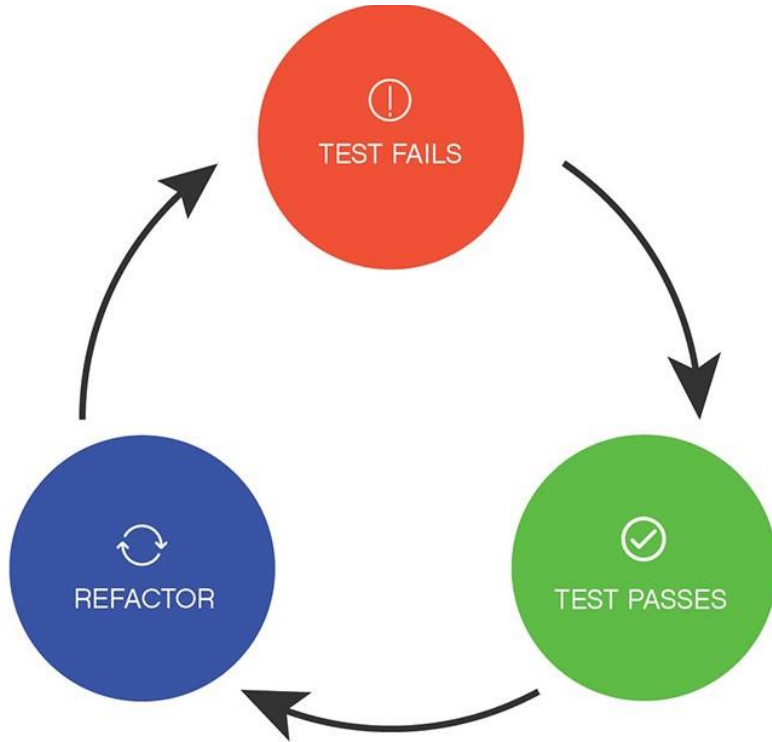
Facile à lire

Rapide et stable

Bien documenté

Intégrer les tests UI dans le processus de développement

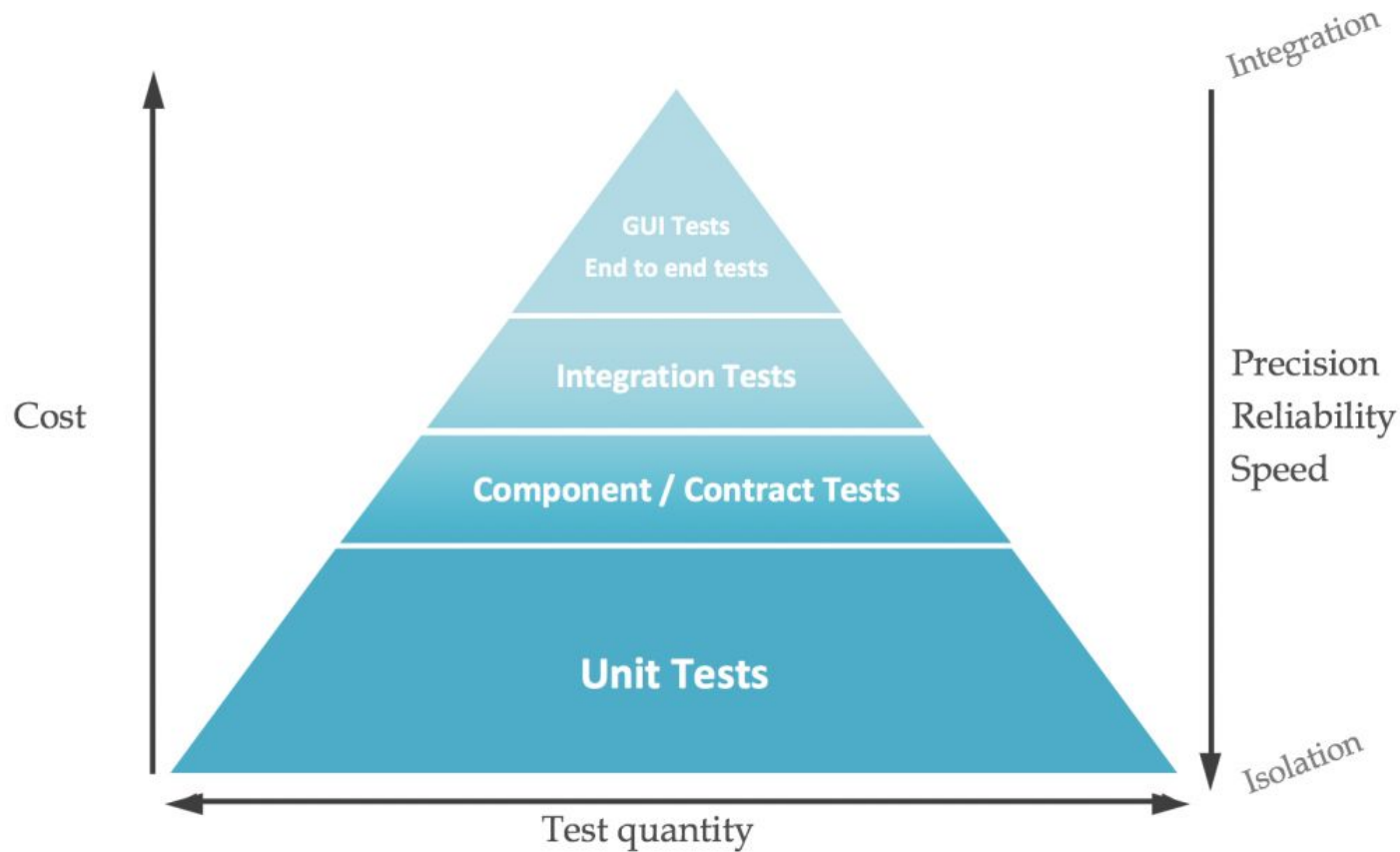
Test Driven Development (TDD)



Avantages

- Réflexion et discussion
- Haute couverture du code
- Effectuer des changements sans avoir peur
- Focus sur la tâche à compléter

Quoi et combien tester ?





Diviser pour régner

Minimum dans le UI

Maximum d'outils

Donner de l'amour à vos tests

Résultats de l'expérience

**Améliorer le temps pour
compléter une tâche**

**Plus grande couverture
des tests**

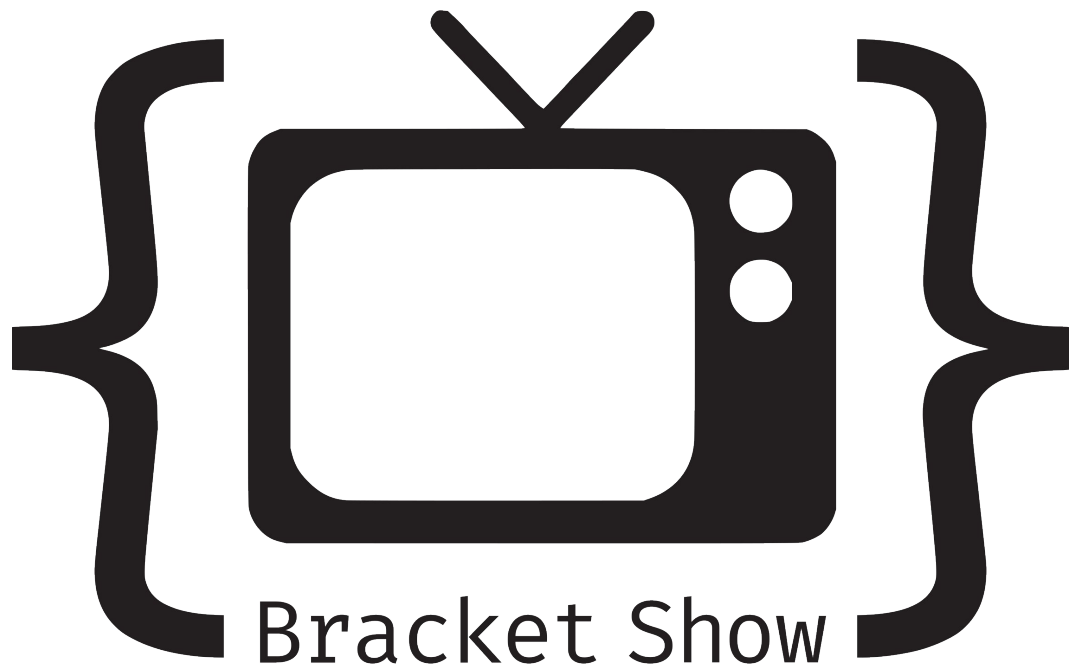
Impressionner les clients



CONCLUSION



**Ne faites pas de
compromis sur la qualité.
Les tests sont vos outils.**



compilé par **done.**

Merci



A vibrant neon sign with the words "WATCH LIVE" in a stylized, outlined font. The sign is composed of two horizontal bars of light blue neon at the top and bottom, and a large, rounded rectangular frame of magenta neon. The text "WATCH" is on the top line and "LIVE" is on the bottom line. The sign is mounted on a dark brick wall, which is illuminated by the glow of the neon lights.

WATCH
LIVE