

Maak UI testen (weer) leuk met

Cypress

Volg de instructies om mee te doen:

v.ht/cy-workshop

Xebia

Maak UI testen
(weer) leuk met

cypress

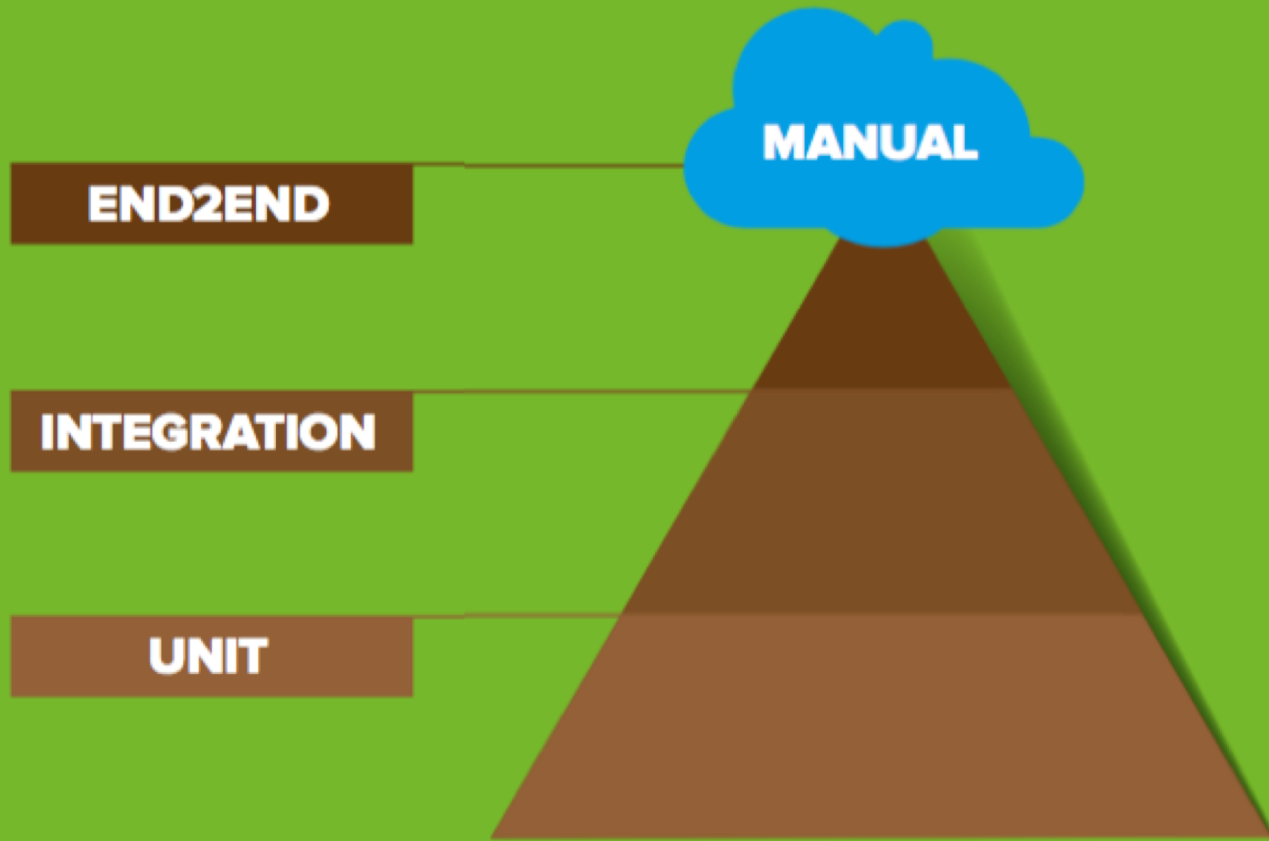
Joost van Wollingen & Xavier Viuda

10 October 2018

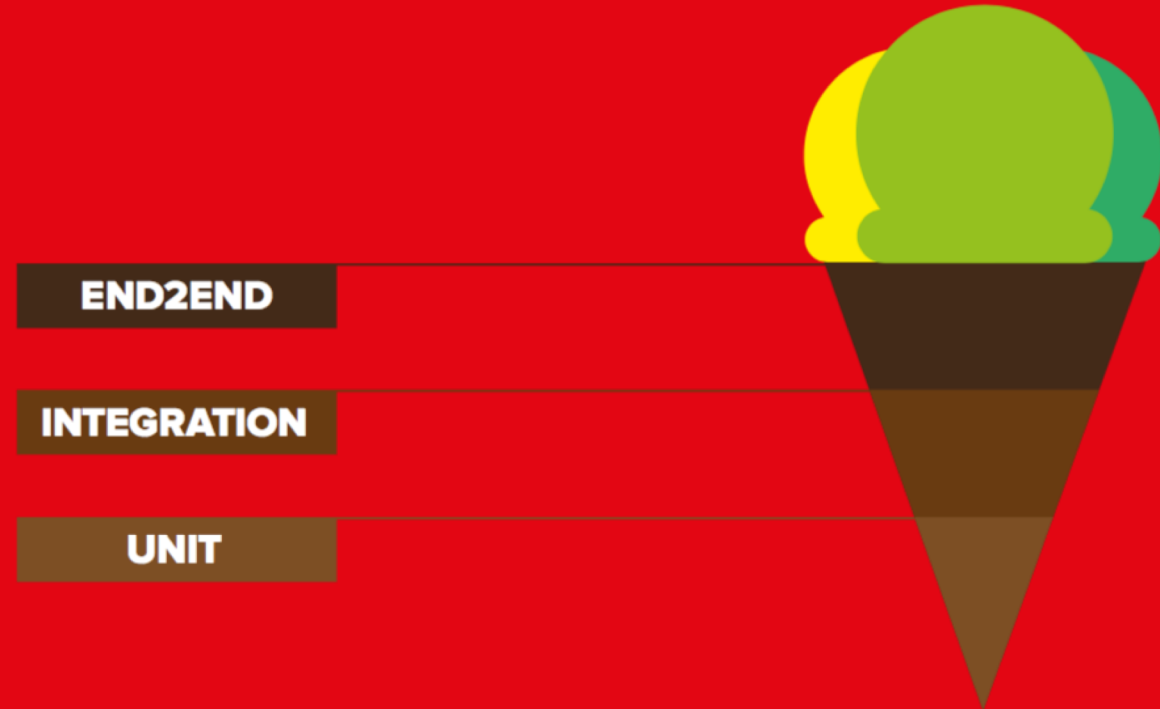
XEBIA



The Testing Pyramid



Ice-Cream Cone



Bekende problemen met UI tests

- Langzaam en onbetrouwbaar om uit te voeren
- Debuggen is een pijnlijk proces
- Synchronisatie tussen tests en browser
- Fouten zijn niet transparant
- Aanpassingen in de applicatie breken vaak de tests
- Selenium installatie is onhandig



Time travel

Cypress takes snapshots as your tests run. Simply hover over commands in the [Command Log](#) to see exactly what happened at each step.



Real time reloads

Cypress automatically reloads whenever you make changes to your tests. See commands execute in real time in your app.



Spies, stubs, and clocks

[Verify and control](#) the behavior of functions, server responses, or timers. The same functionality you love from unit testing is right at your fingertips.



Consistent results

Our architecture doesn't use Selenium or WebDriver. Say hello to fast, consistent and reliable tests that are flake-free.



Debuggability

Stop guessing why your tests are failing. [Debug](#) directly from familiar tools like Chrome DevTools. Our readable errors and stack traces make debugging lightning fast.



Automatic waiting

Never add waits or sleeps to your tests. Cypress automatically [waits for commands and assertions](#) before moving on. No more async hell.



Network traffic control

Easily [control, stub, and test edge cases](#) without involving your server. You can stub network traffic however you like.



Screenshots and videos

View screenshots taken automatically on failure, or videos of your entire test suite when run headlessly.

Open source, op basis van bekende frameworks

- Snelle feedback
- Spoel de DOM terug naar elke stap in je test
- Je kunt gewoon gebruik maken van de developer tools
- Duidelijke foutmeldingen
- Testimplementatie losgekoppeld van de applicatie
- Installatie is zo simpel als het installeren van 1 dependency



SINON.JS

DEMO

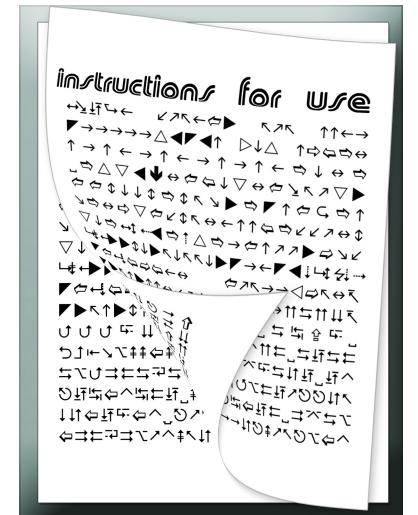
Instructies: v.ht/cy-workshop



Ontdek



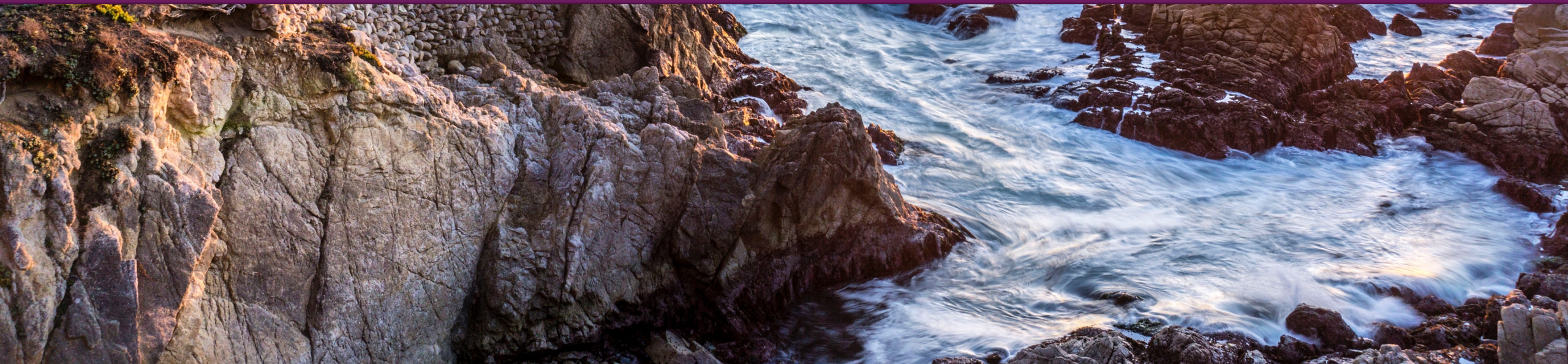
Vraag



Lees de
handleiding

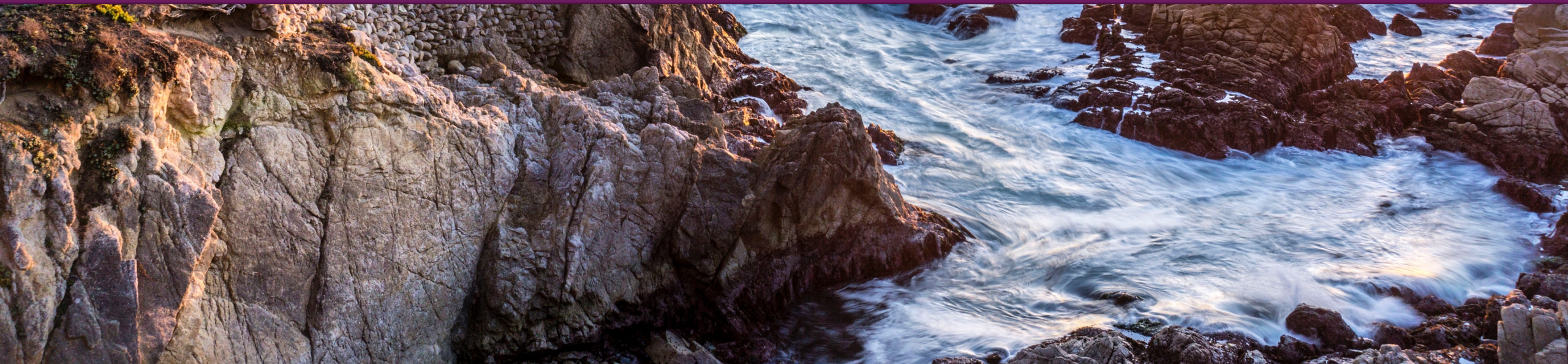


Oefening 1: Navigeren



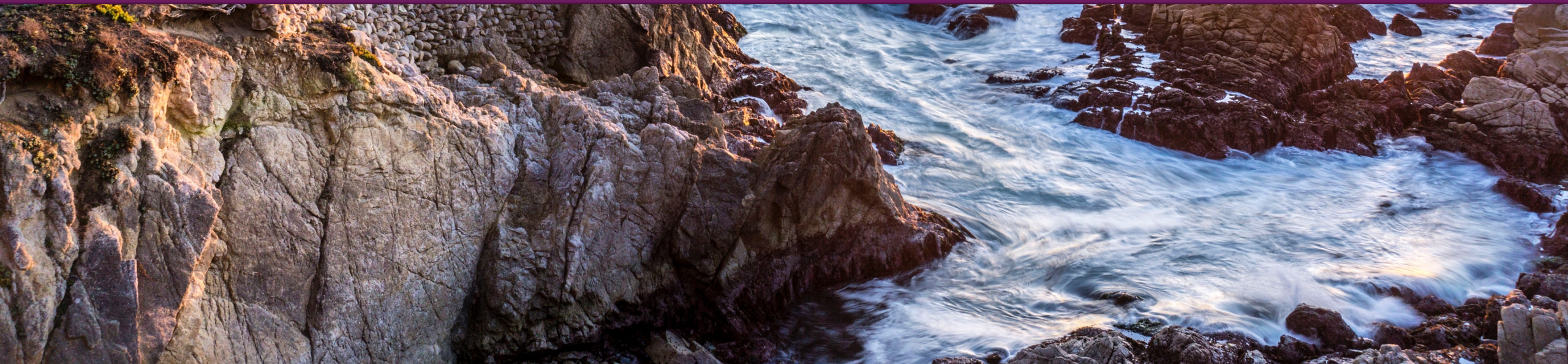


Oefening 2: Interactie



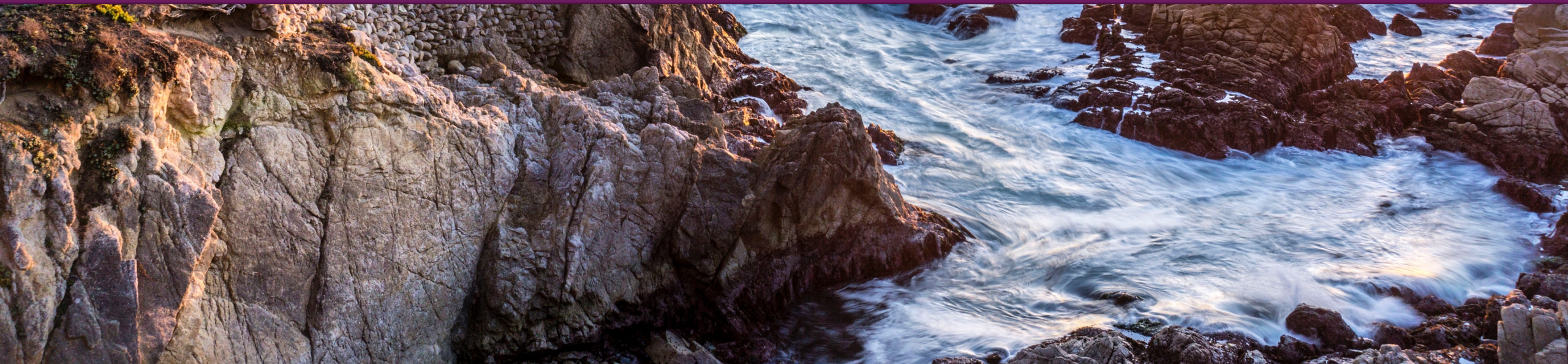


Oefening 3: Structuur





Oefening 4: Isolatie



Maak UI testen (weer) leuk met Cypress

Joost van Wollingen
jvanwollingen@xebia.com

Xavier Viuda
xviuda@xebia.com