# wdi5 (/vdif5/)

## cross-platform test framework for hybrid UI5 apps

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# Content

## theory

- (poll)
- motivation – why `wdi5`?
- what you get w/ `wdi5` (and what not 😆)
- how `wdi5` works

## pratice (→ live demo!)

- interaction
- screenshots
- binding + aggregations
- plugin mocks

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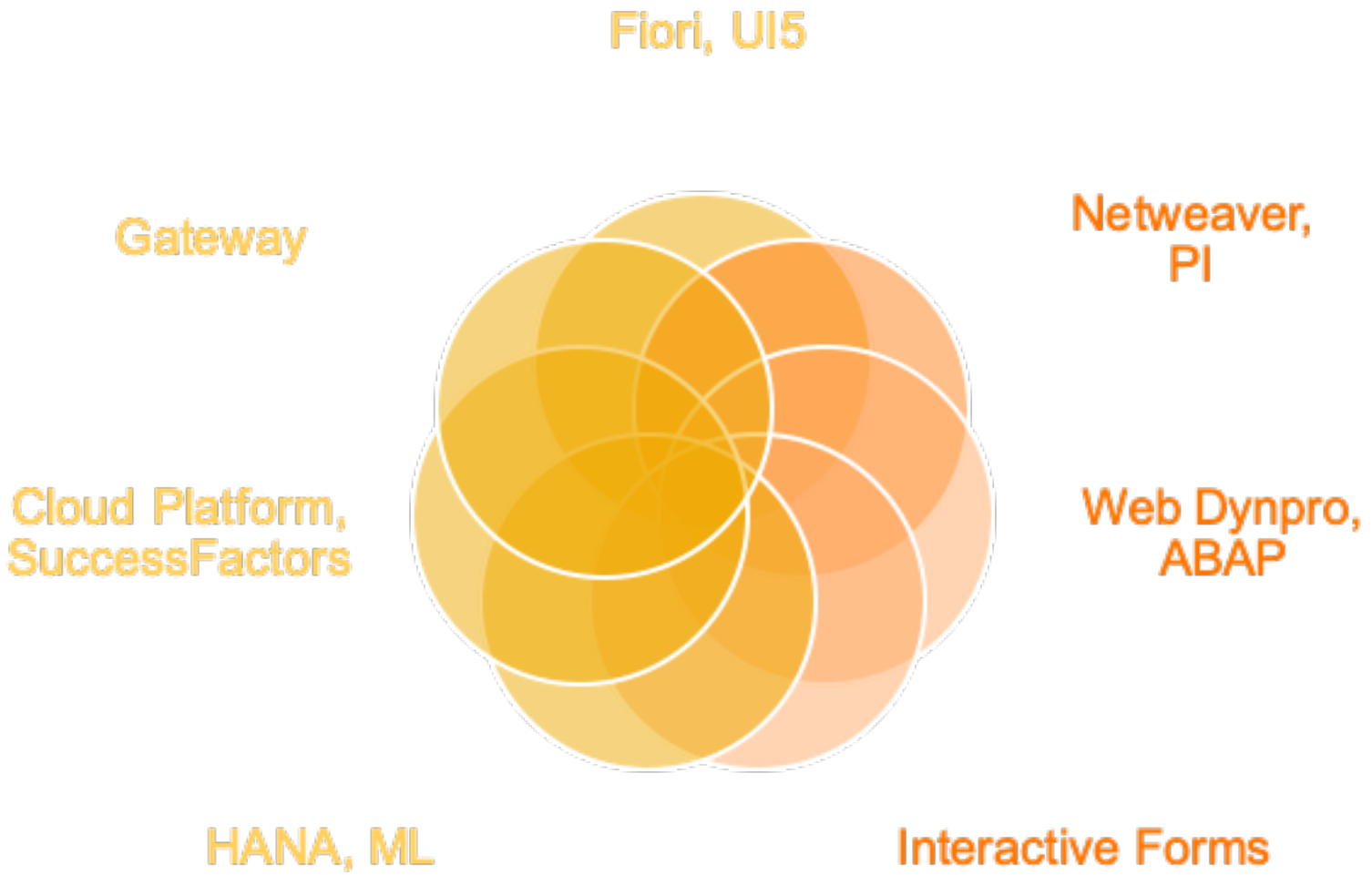


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# motivation

aka „why `wdi5`“?

⚡ UI5veri5 ↔ native container

„write once, tests everywhere“

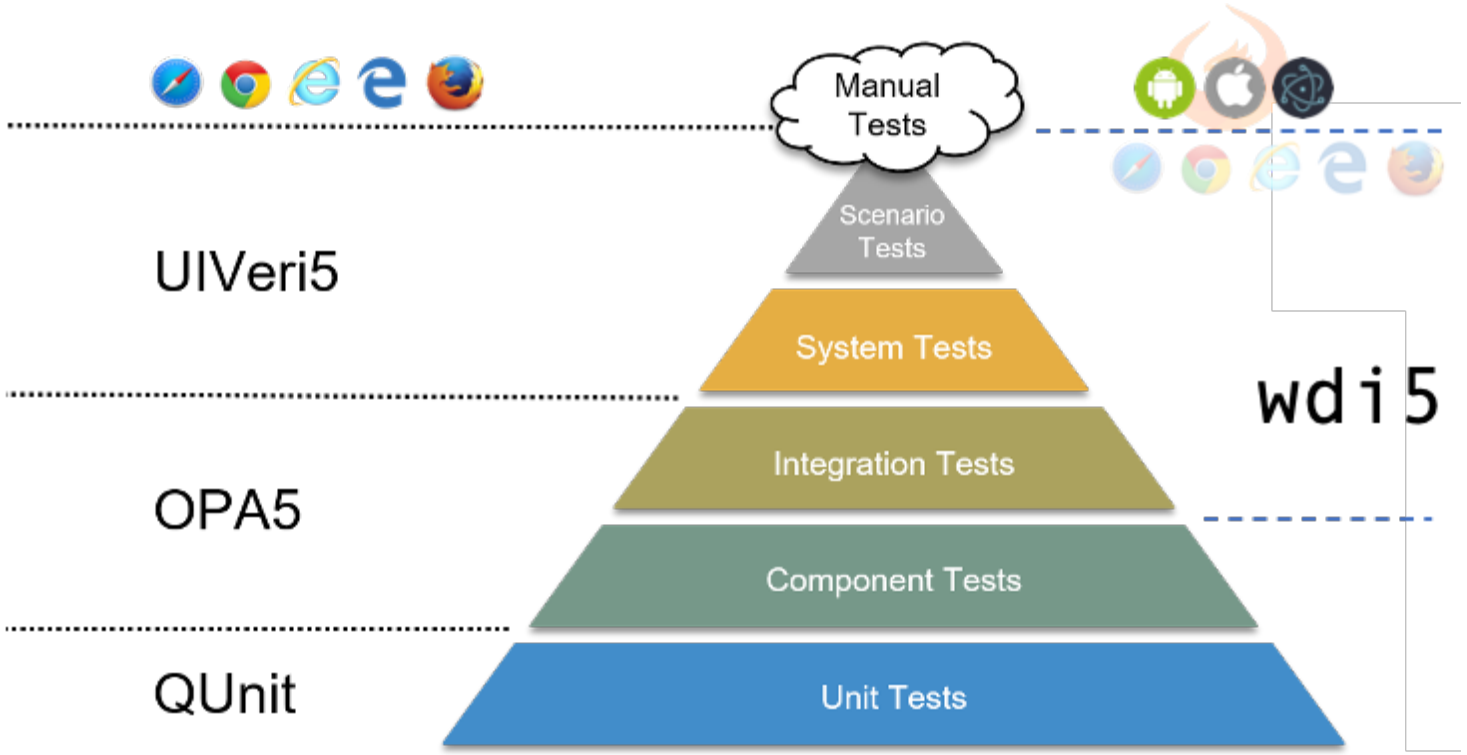
reuse known UI5 testing paradigms

test in target medium

„eat your own dog food“

# motivation

aka „why `wdi5`“?

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# what's in the package?

what you get w/ wdi5 (and what not 😆)

Dependencies (major)

- wdio
- appium
- electron

📸 runtime screenshots

Plugin mocks

wdi5

- uses `sap.ui.test.RecordReplay` API
- selectors ~ OPA5 and UIveri5
- `awaits` UI5 lifecycle

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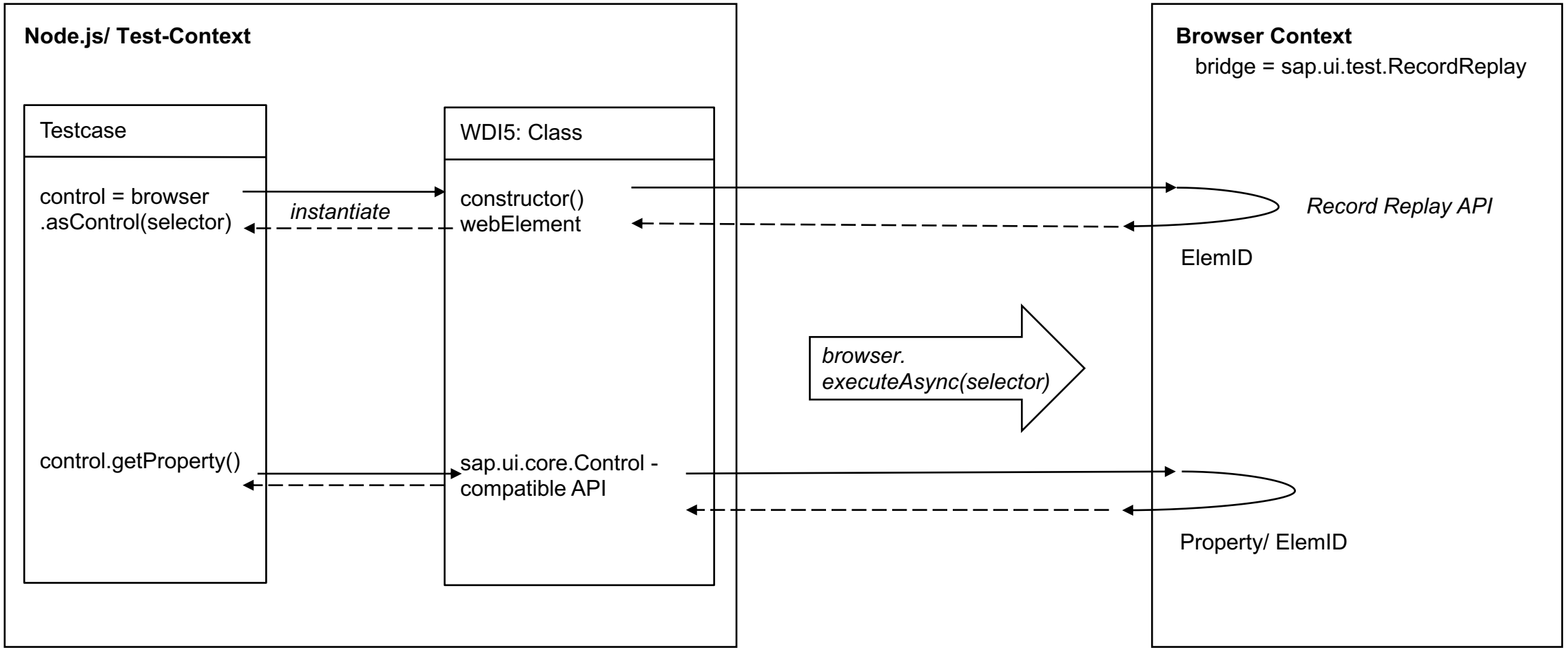
# under the hood

how wdi5 works

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# under the hood

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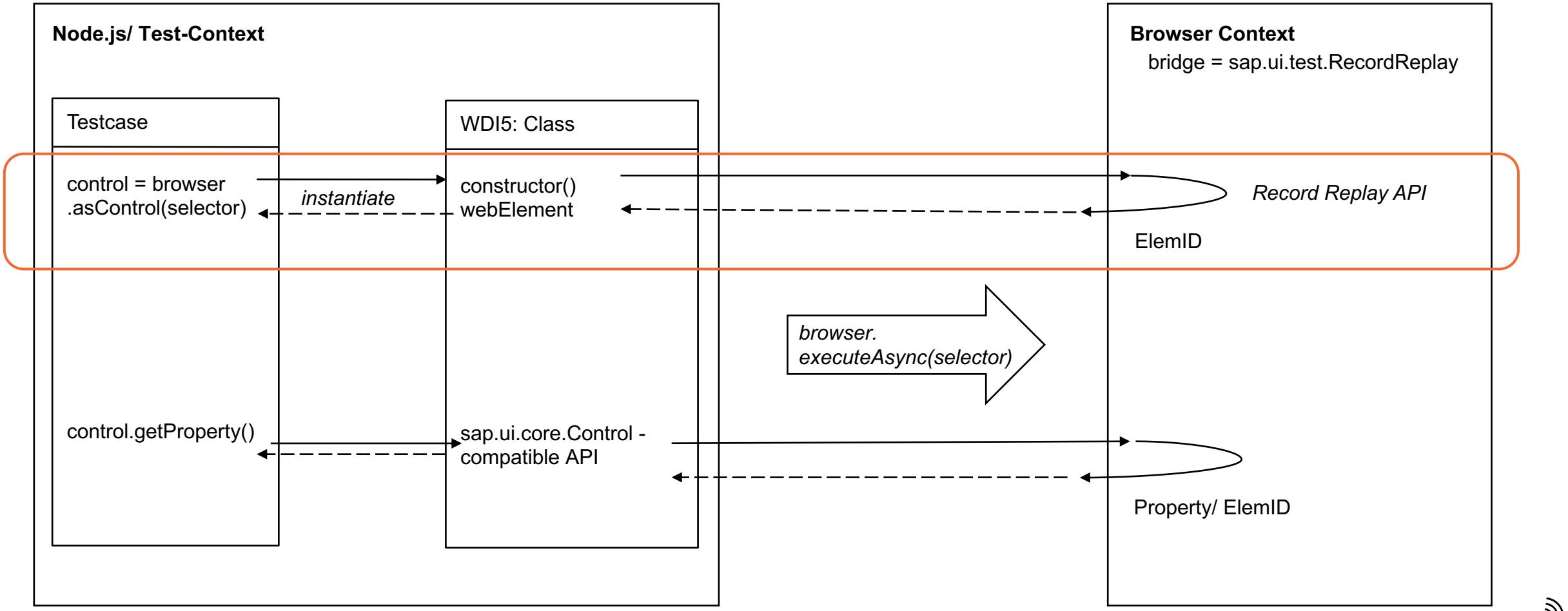


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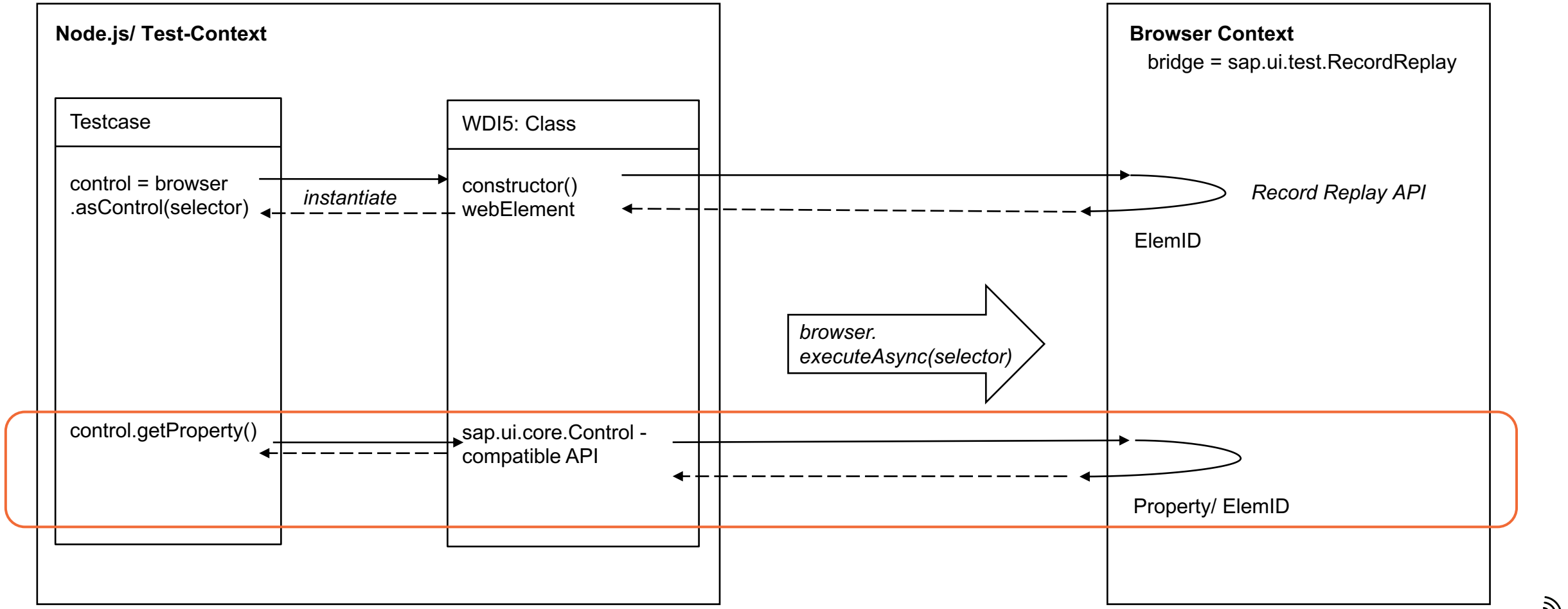
# under the hood

how wdi5 works

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# Live Demo

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# Pros & Cons

## Pros

- cross-platform
- quick on-boarding for UI5 devs
- power of `wdio` + UI5 incl `expects`

## Cons

- setup env: many layer complexity
- resource intensive native tests

# Follow up?

wdi5 on **github**
https://github.com/js-soft/wdi5

**npm** package
https://www.npmjs.com/package/wdi5

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