

UI Testing Tools

Please review and add tools that we need to evaluate:

Solution	Infrastructure	e-2-e	integration	unit		Jira	ETA	Comments
BigTest	<ul style="list-style-type: none"> • Karma • Mocha • Chai • Mirage 	?	X	X	John Coburn		8/11	Retrospective page
Nightmare		X						OUT
Cypress	<ul style="list-style-type: none"> • Mocha • Chai • Yakbak 	X	X	X	Mike Taylor Alia ksei Chumakou as a backup		8/11	
Jest			X	X	Mikita Siadykh		8/4	Spike documentation by Mikita Siadykh
React Testing Library	<ul style="list-style-type: none"> • Karma • Mocha • Chai • Mirage 	X	X	X	someone from Folijet Viktor Soroka		8/18	<p>This spike would essentially replace BigTest with React Testing Library/DOM testing Library. It can be set up to work with either Jest or in a real browser. The spike should investigate testing at the unit, component, module, and platform level of FOLIO. Asynchronous capabilities are there, the possibility of creating interactors with it should be examined.</p> <p>https://testing-library.com/docs/guiding-principles</p>
Nightwatch	<ul style="list-style-type: none"> • Selenium • Chai • Mockery 	X			bottom of the list. no spike for now.			<p>https://nightwatchjs.org/</p> <p>https://github.com/nightwatchjs/nightwatch</p> <p>Strong browser and device support</p>
Webdriver.io		X			TBD			
Enzyme		X	X	X	Oleksii Petrenko Maksym Dryha		8/4	UI Testing with Enzyme
Karate + UI		X			Zak_Burke		8/18	

Spike documentation by Mike Taylor. 1. <https://github.com/folio-org/ui-courses/blob/master/doc/testing-notes.md>