

Day 1: Spec Planning

8/27/2013

1. Gestures API recap (David) - 30 min
 - a. Recap
 - b. Primitives
2. Locator Strategies - 2 hs
 - a. Intro: native UI elements and hierarchies (Jonathan)
 - b. Which ones to use for native contexts (ios and android are different)?
 - i. Find by UI element type
 - ii. Find by accessibility label
 - iii. Find by hierarchical position
 - iv. Find by resource ID
 - v. Find by localization ID
 - c. Node navigation spec. Stick with "XPath" or make a "CSS"?
 - d. Page source format (GET /source)
 - e. Scrolling to elements
3. Webviews / Other contexts - 1 h
 - a. How to enter into/out of web context
 - b. How to handle different method availability / semantics between webview/native (UnsupportedInThisContext exceptions)
4. Session handling (simultaneous / clobber / error) - 30 min
5. Desired Capability specification - 2 hs
 - a. Devices vs emulators
 - b. Different automation backends (gimme an iosdriver node vs an appium node)
 - c. Automation levels? (js vs native vs robots!)
 - d. freynaud : runtime driver configuration
6. Implicit wait scope - 30 min
 - a. Post-command waits (get, click, etc)
 - b. Find element waits
7. Supra-app automation - 30 min
 - a. App installation/uninstallation
 - b. Determining whether a given app is installed
 - c. Resetting app content / state
8. Special device behavior - 2 hs
 - a. hardware/software buttons (lock button, menu button)
 - b. soft keyboard
 - c. accelerometer (shake, orientations)
 - d. Orientation
9. executeScript - 1 h
10. Running arbitrary custom pre-launch adb commands (via lukeis)

Day 2: Roadmaps, Test Suites, Test Apps

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1. Roadmap for submission of extensions to W3C
2. Roadmap for implementing server-side changes
3. Roadmap for implementing client library changes
 - a. Migration strategy for older libraries? (Override “executeScript”?)
4. Mock out complete test suite
 - a. Roadmap for completing test suite in (Python?)
5. Mock out test “guinea pig” applications (iOS, Android, FirefoxOS)
 - a. Roadmap for building guinea pig applications
6. Compose summary document or wiki and e-mail to Selenium, ios-driver, Appium, Selendroid lists, etc...