DukeScript?

What's new in

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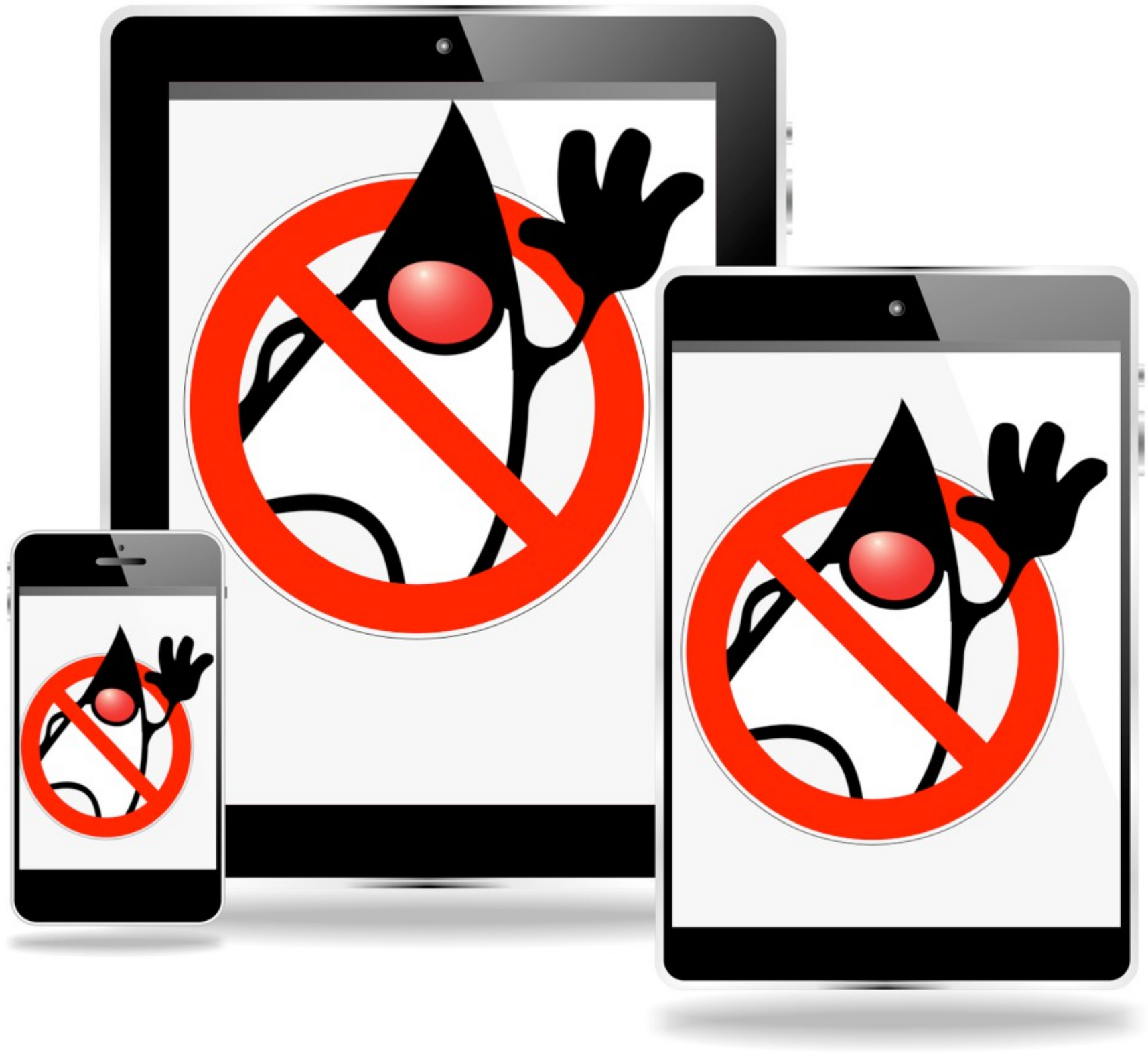
www.dukescript.com

Du ript

- http://www.dukescript.com

Problem



Solution

"DukeScript is the Lightweight JavaFX I always dreamed of!"

Stephen Chin, JavaOne M.C.

How does it work?

How does it work?

Insert HTML5 Renderer here

DukeScript glues them together

Insert JVM here

How does it work?

HTML5 Component renders the result

DukeScript and it's Java APIs control the Renderer

JVM executes Java Business Logic, written with DukeScript Java APIs

Desktop

javafx.scene.web.WebView

DukeScript glues them together

Hotspot

Android

android.webkit.WebView

DukeScript glues them together

Dalvik

iOS

NSObject.UIResponder.UiView
.UIWebView

DukeScript glues them together

RoboVM

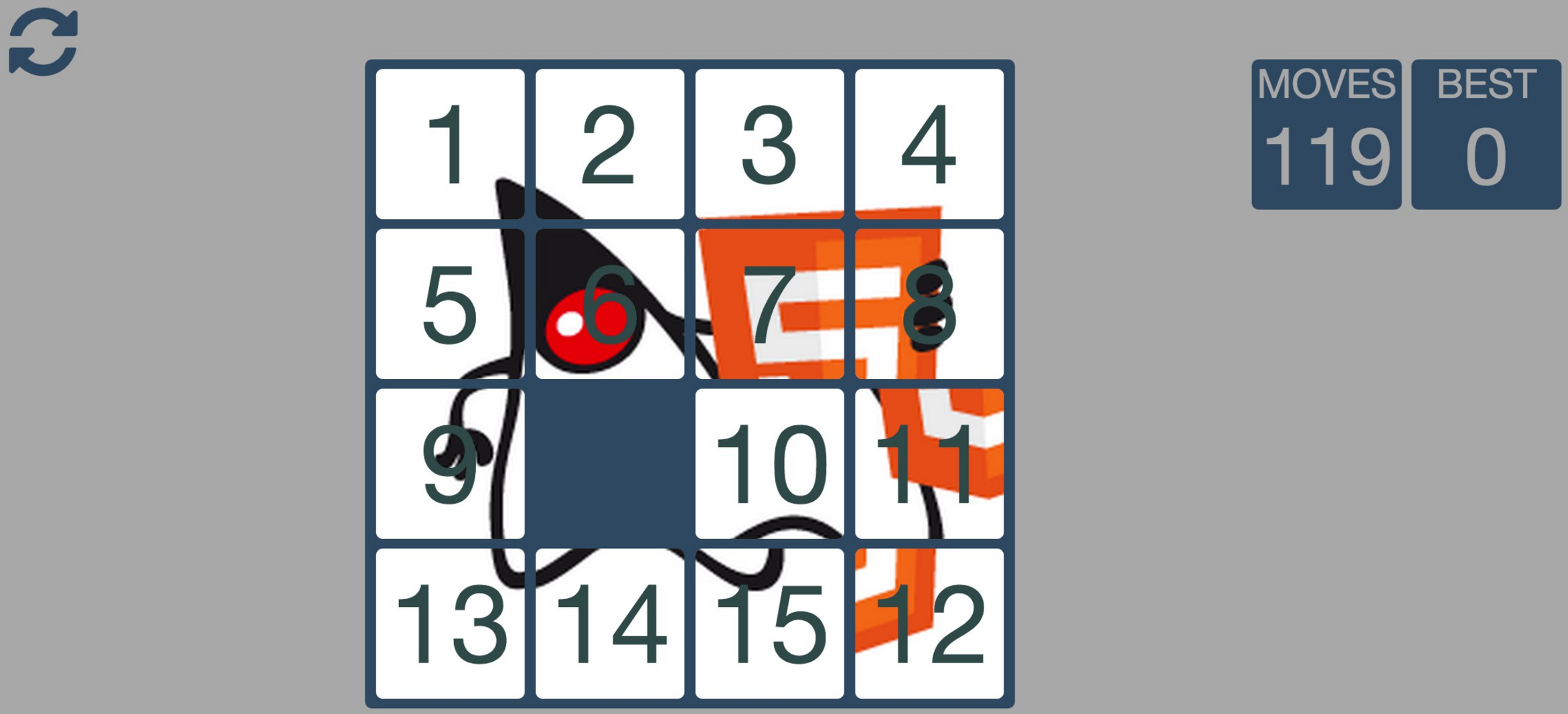
Browser

Chrome…

DukeScript glues them together

bck2brwsr

New Demos



What's new?

Version 0.12 of Bck2Brwsr

https://dukescript.com/update/2014/12/31/New-Version-Of-bck2brwsr-released.html

What's new?

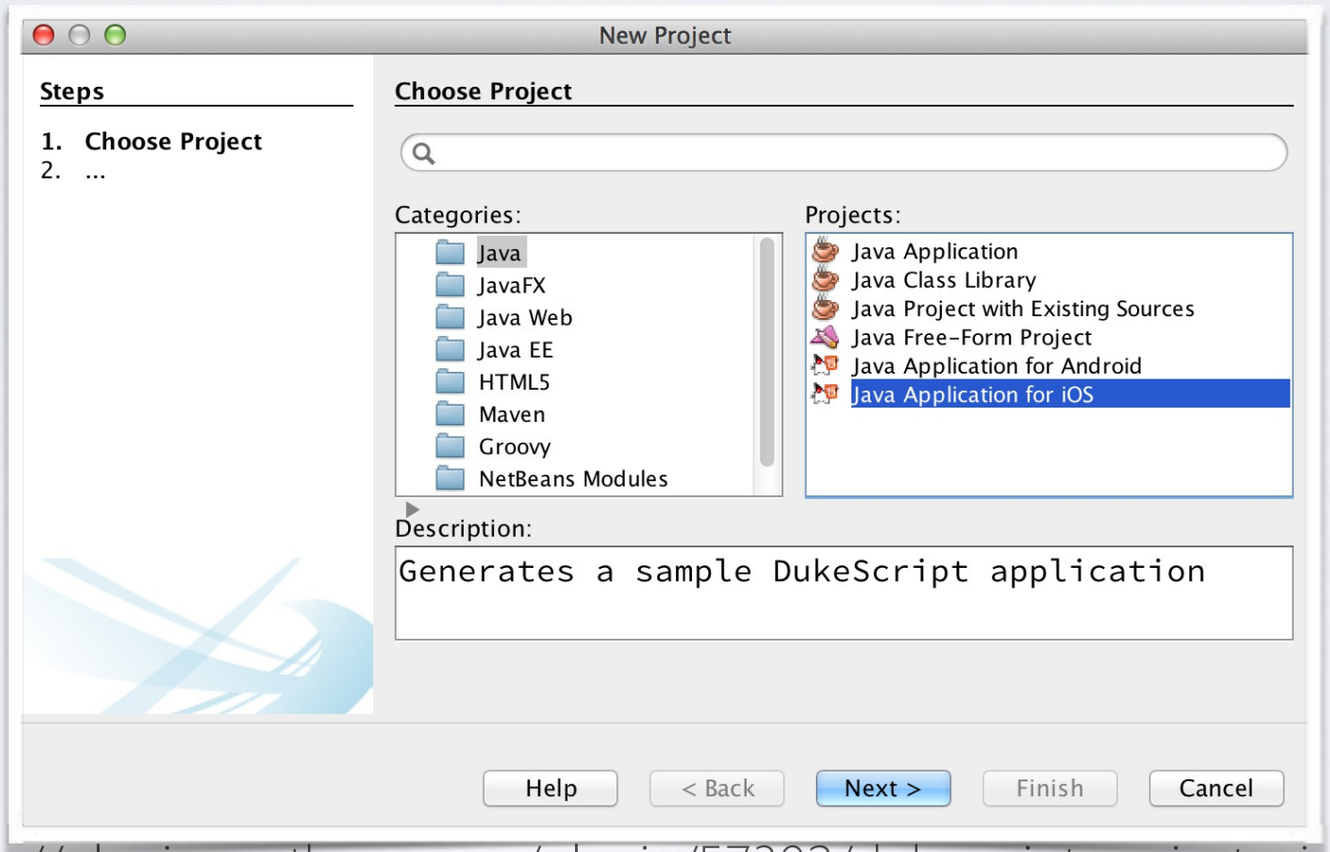
version of DukeScript for iOS and An
now fully Open Sourced!

https://dukescript.com/update/2015/02/05/New-Version-of-Dukescript.html

https://github.com/dukescript/dukescript-presenters

What's new?

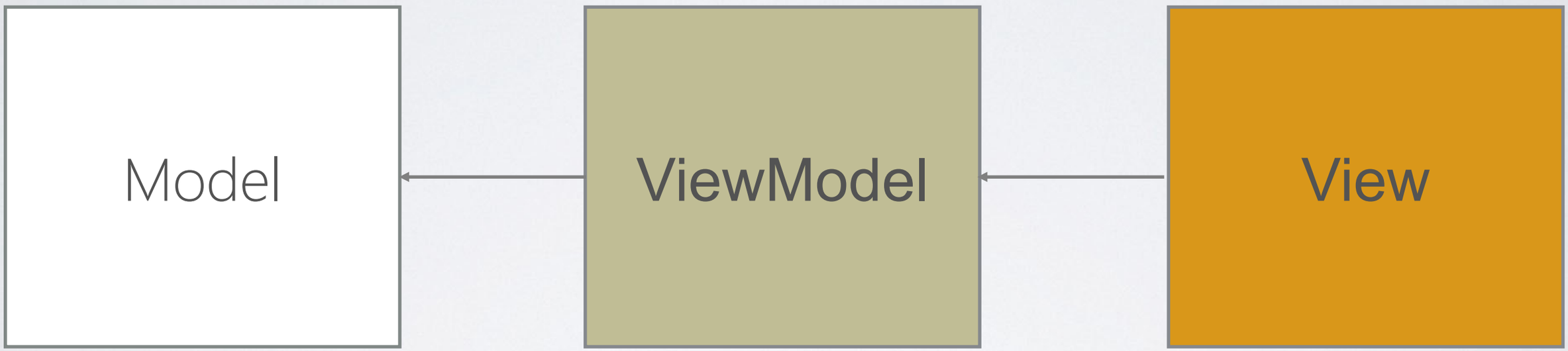
v version of DukeScript NetBeans Plu



http://plugins.netbeans.org/plugin/57392/dukescript-project-wizard

What's new?

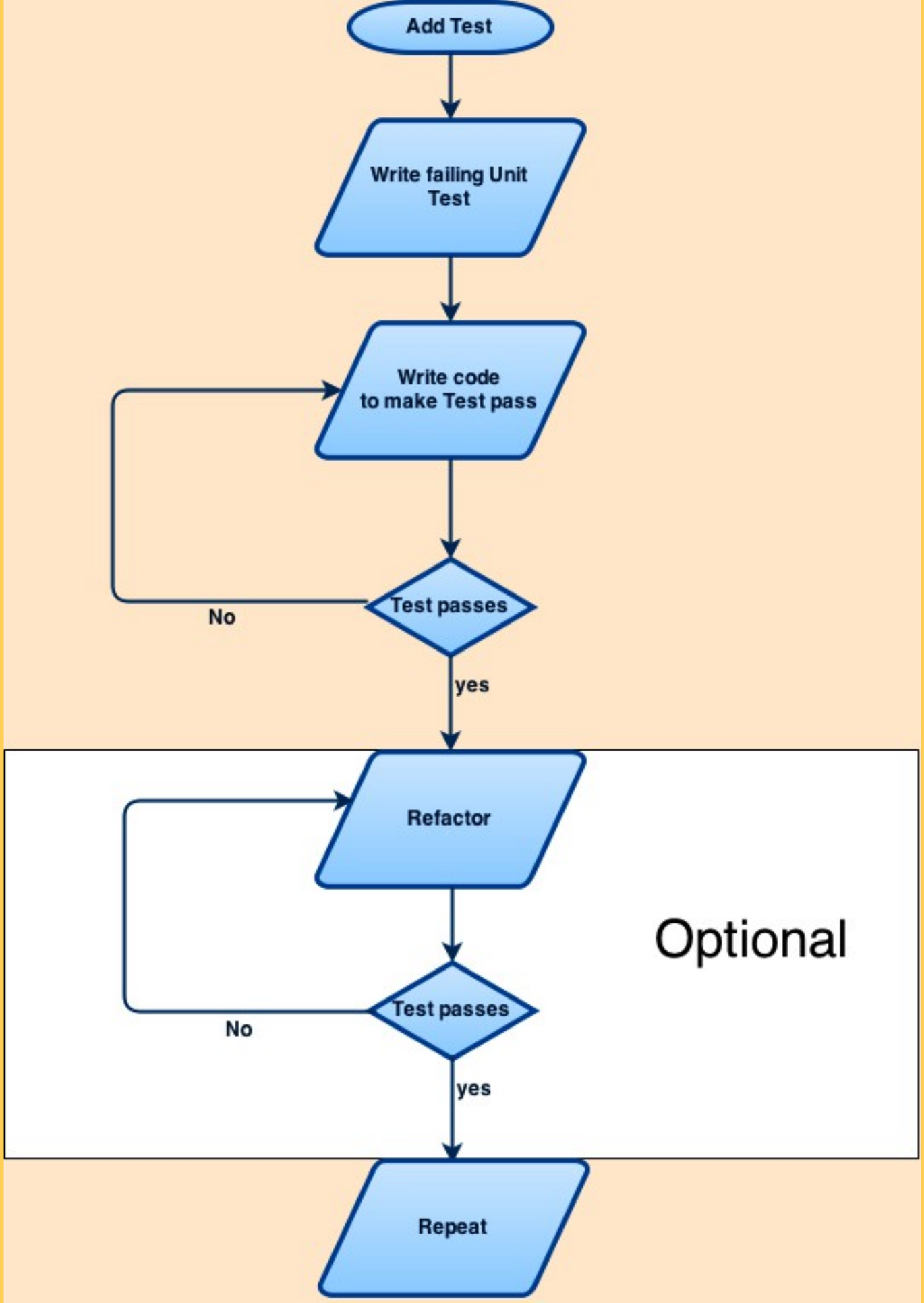
Blog series on MVVM and TDD



https://dukescript.com/best/practices/2015/02/16/tdd-with-dukescript.html

https://dukescript.com/best/practices/2015/02/18/testing-http-with-dukescript.html

TDD


Add Test
Write failing Unit Test
Write code to make Test pass
Test passes
No
yes
Refactor
Test passes
No
yes
Optional
Repeat

What's new?

Version 1.1 of HTML APIS

Java

HTML

Models.applyBindings(p, „person“);

<div id=„person“
data-bind=„...“>

Models.applyBindings(a, „address“);

<div id=„address“
data-bind=„...“>

https://dukescript.com/update/2014/12/29/New-Version-Of-HTML-APIs-released.html

What's new?

Performance Comparison

https://github.com/konsoletyper/teavm/tree/master/teavm-samples/teavm-samples-benchmark

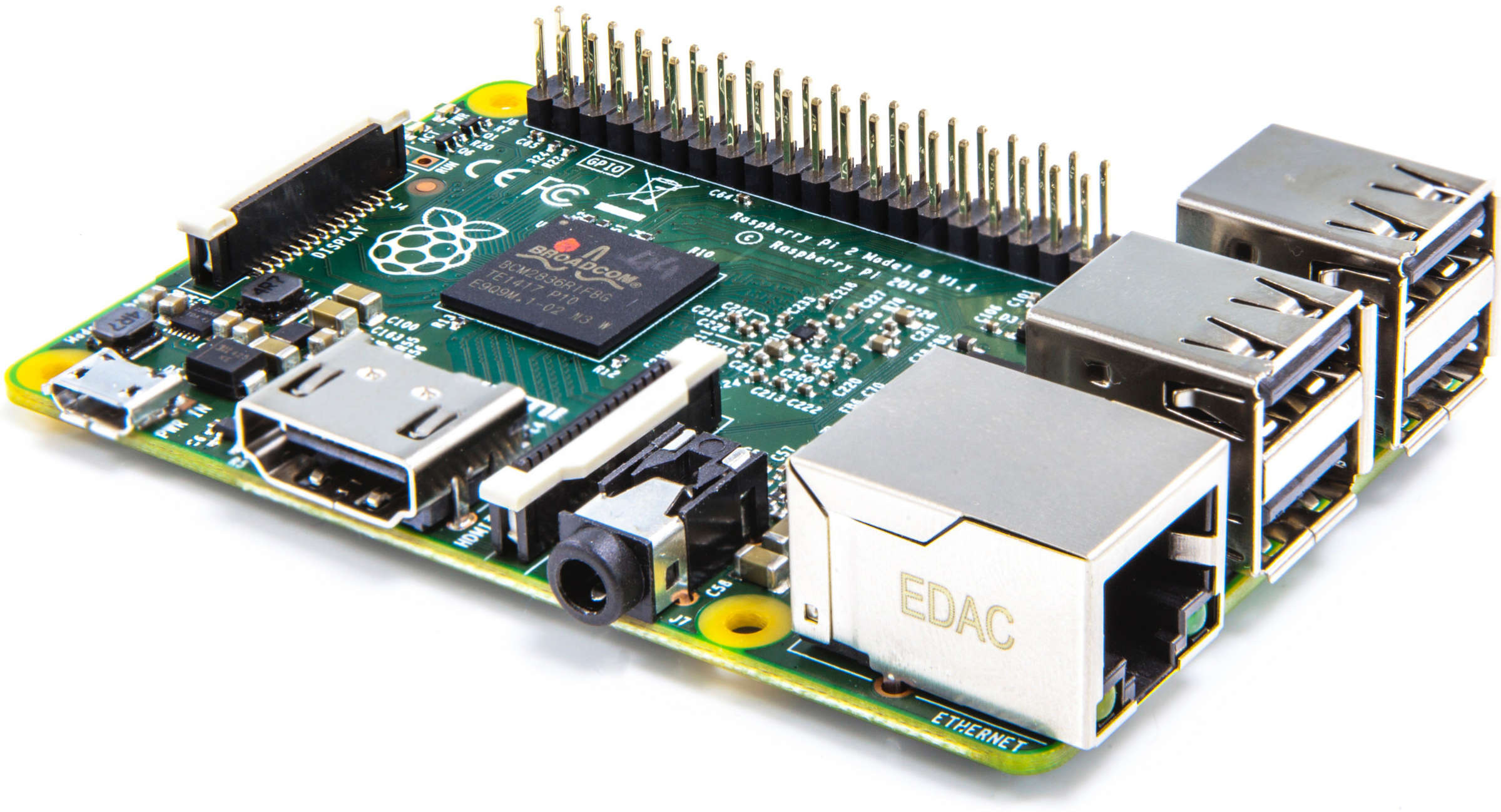
What's Under Development?

Better Code Completion

What's Under Development?

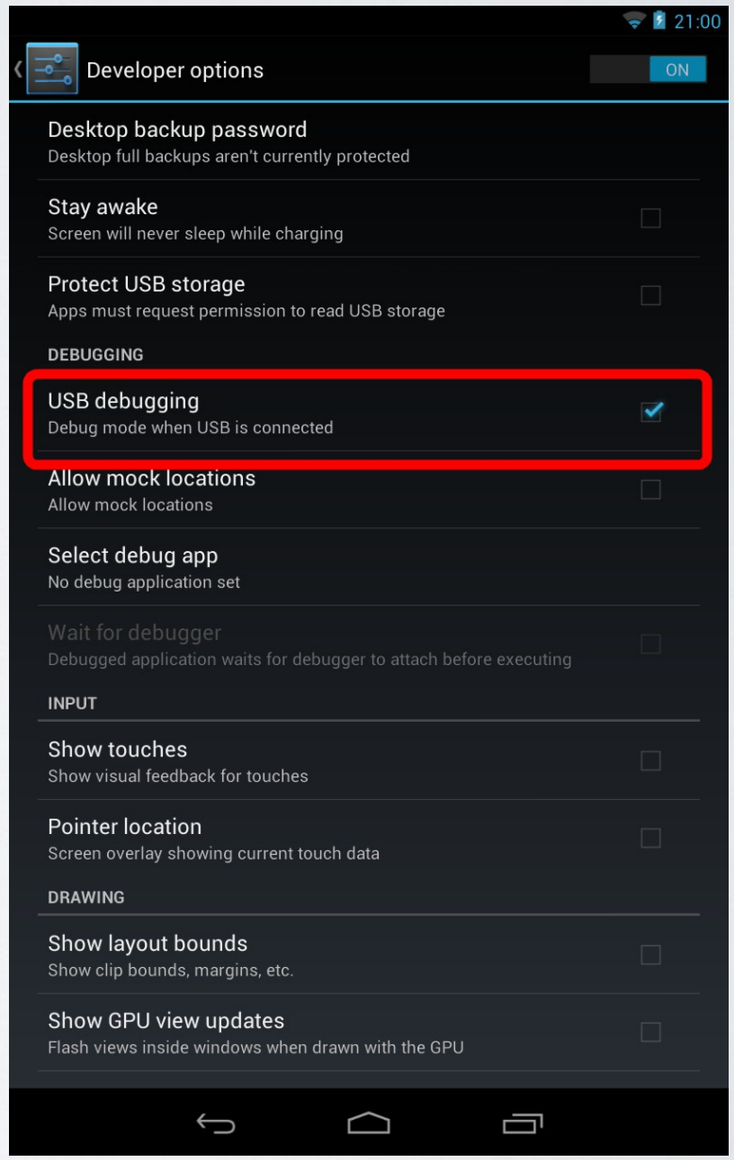
Hot Swapping

What's Under Development?



What's Under Development?

On Device Debugging (iOS, Android)



What's Under Development?

Camera API

Leaflet4j

Controls.js

http://xelfi.cz/camera/

https://github.com/sperlchris/leaflet4j

Thank you for your attention!