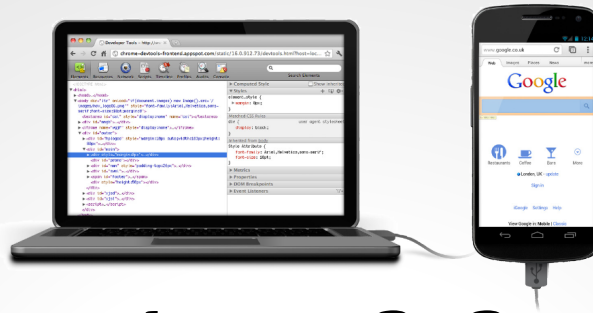




Þróunarumhverfi fyrir mobile vefforritun

Björn Ingimundarson
Betware

@bjossi

Vefsíða

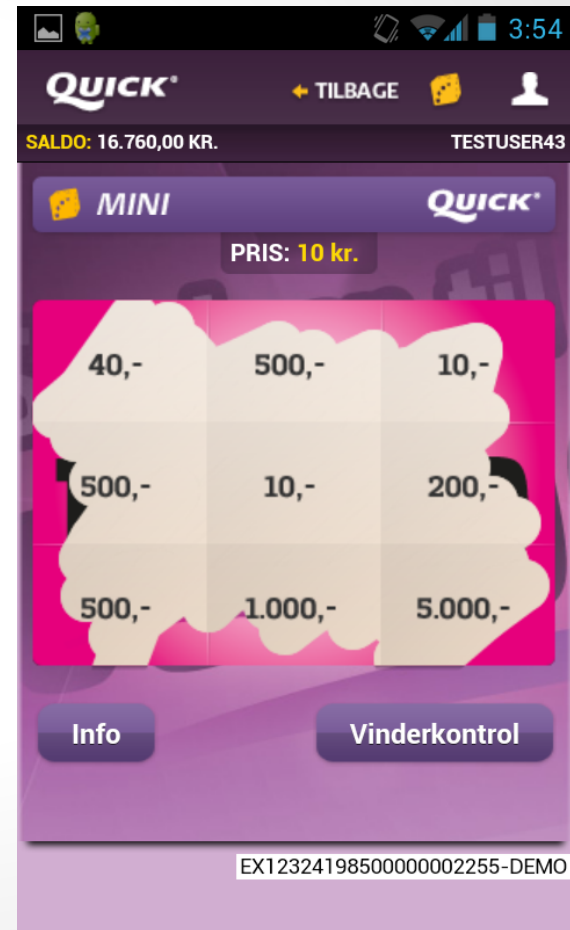
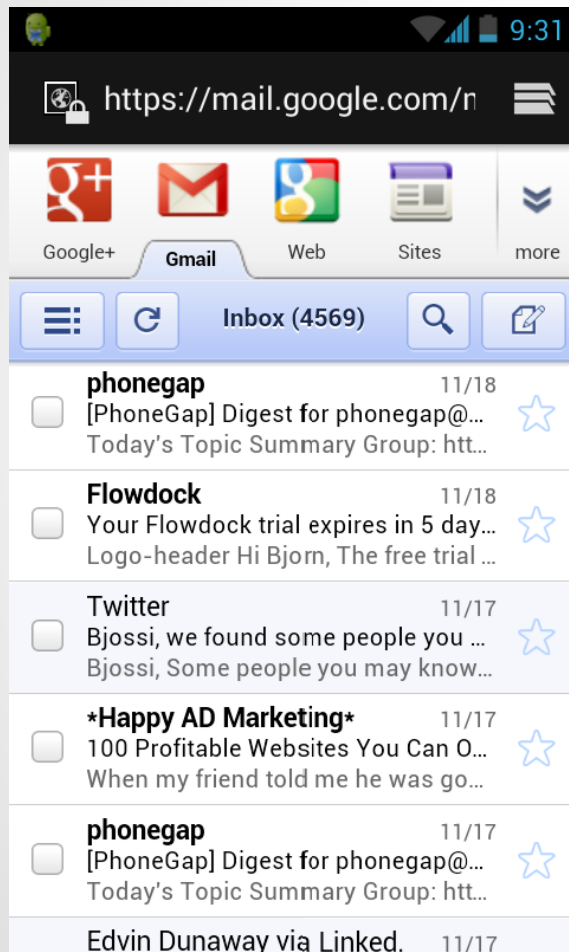
Vef App

Hybrid App

Native App



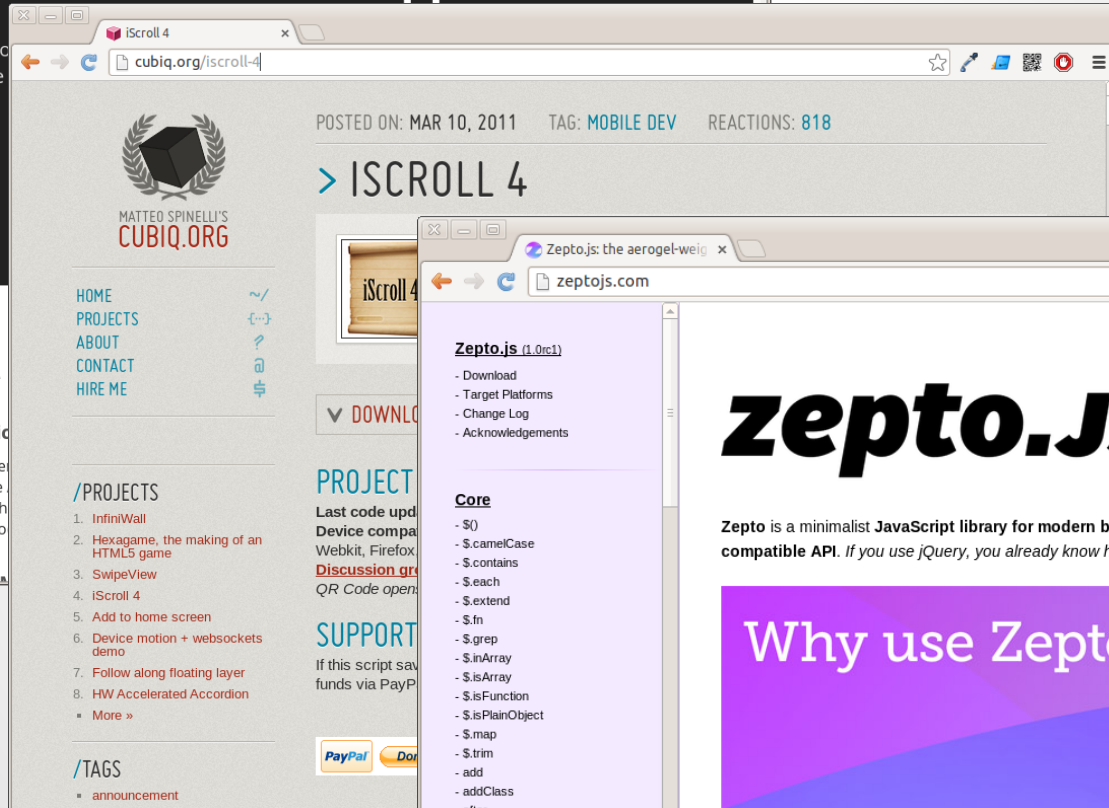
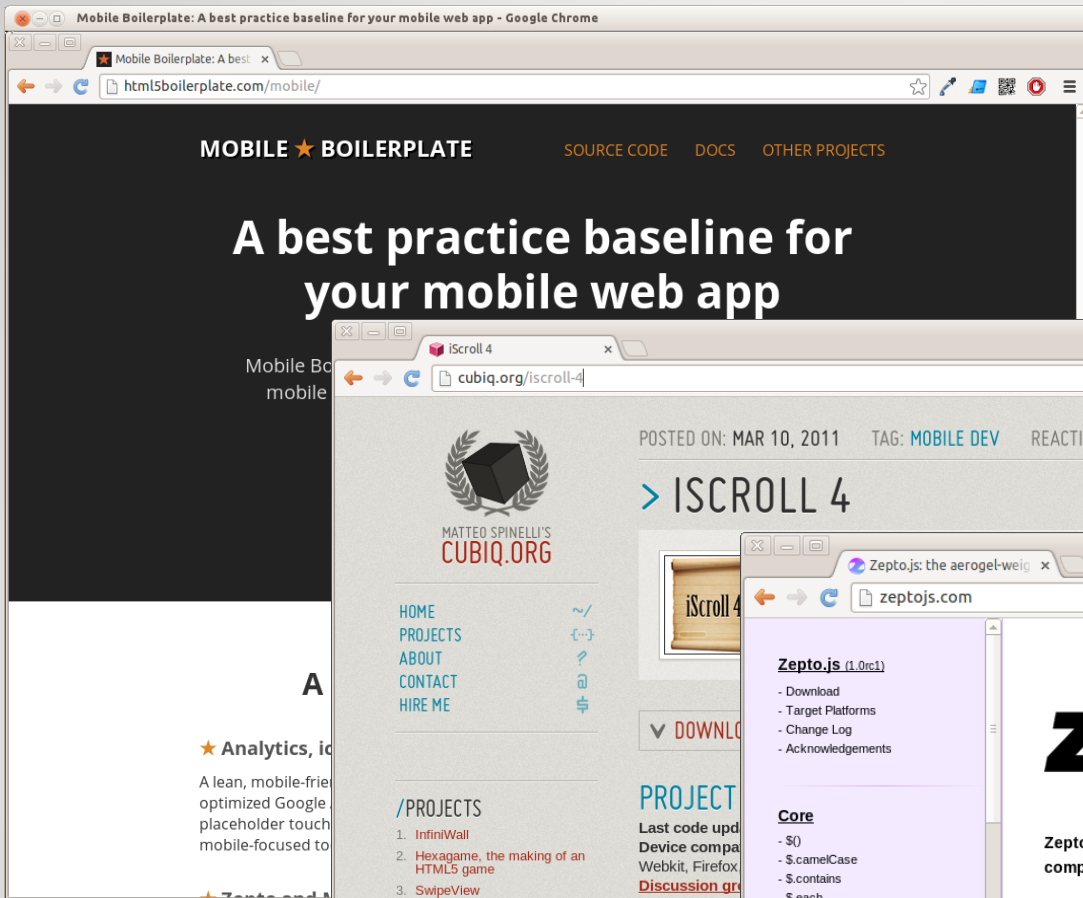
Vef App



Rammar

- JQuery Mobile
- Sencha Touch
- DHTMLX Touch
- The - m - project
- jo Framework
- jqMobi
- jQTouch
- iUI



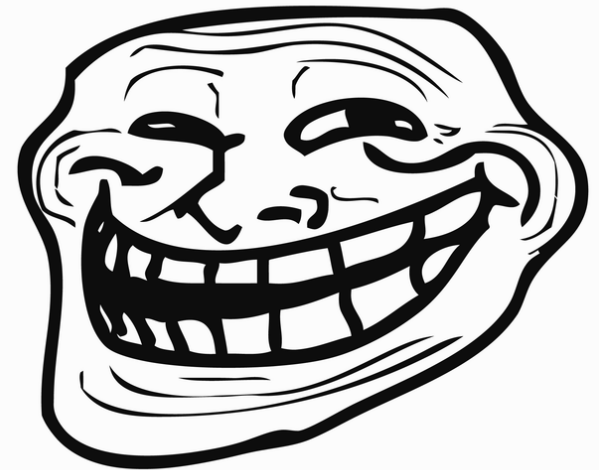


Snerting

```
1 function startup() {  
2     var el = document.getElementsByTagName("canvas")[0];  
3     el.addEventListener("touchstart", handleStart, false);  
4     el.addEventListener("touchend", handleEnd, false);  
5     el.addEventListener("touchcancel", handleCancel, false);  
6     el.addEventListener("touchleave", handleLeave, false);  
7     el.addEventListener("touchmove", handleMove, false);  
8 }  
9
```

Snerting - taka 2

```
1 function startup2() {  
2     var el = document.getElementsByTagName("canvas")[0];  
3     if (window.navigator.msPointerEnabled) {  
4         el.addEventListener("MSPointerDown", eventHandlerName, false);  
5         el.addEventListener("MSPointerMove", eventHandlerName, false);  
6         el.addEventListener("MSPointerUp", eventHandlerName, false);  
7     }  
8     el.addEventListener("touchstart", eventHandlerName, false);  
9     el.addEventListener("touchmove", eventHandlerName, false);  
10    el.addEventListener("touchend", eventHandlerName, false);  
11 }
```



CSS3

```
1 .box_gradient {  
2   background-color: #444444;  
3   /* Safari 4+, Chrome */  
4   background-image: -webkit-gradient(linear, left top, left bottom, from(#444444), to(#999999));  
5   /* Chrome 10+, Safari 5.1+, iOS 5+ */  
6   background-image: -webkit-linear-gradient(top, #444444, #999999);  
7   /* Firefox 3.6-15 */  
8   background-image: -moz-linear-gradient(top, #444444, #999999);  
9   /* Opera 11.10-12.00 */  
10  background-image: -o-linear-gradient(top, #444444, #999999);  
11  /* Firefox 16+, IE10, Opera 12.50+ */  
12  background-image: linear-gradient(to bottom, #444444, #999999);  
13 }
```



(style with attitude)



JS





```
1 define(  
2     //The name of this module (optional)  
3     "types/Manager",  
4  
5     //The array of dependencies  
6     ["types/Employee"],  
7  
8     //The function to execute when all dependencies have loaded. The  
9     //arguments to this function are the array of dependencies mentioned  
10    //above.  
11    function (Employee) {  
12        function Manager () {  
13            this.reports = [];  
14        }  
15  
16        //This will now work  
17        Manager.prototype = new Employee();  
18  
19        //return the Manager constructor function so it can be used by  
20        //other modules.  
21        return Manager;  
22    }  
23 );
```

Model View Controller
Model View Presenter
Model View ViewModel
Model View Whatever



BACKBONE.JS

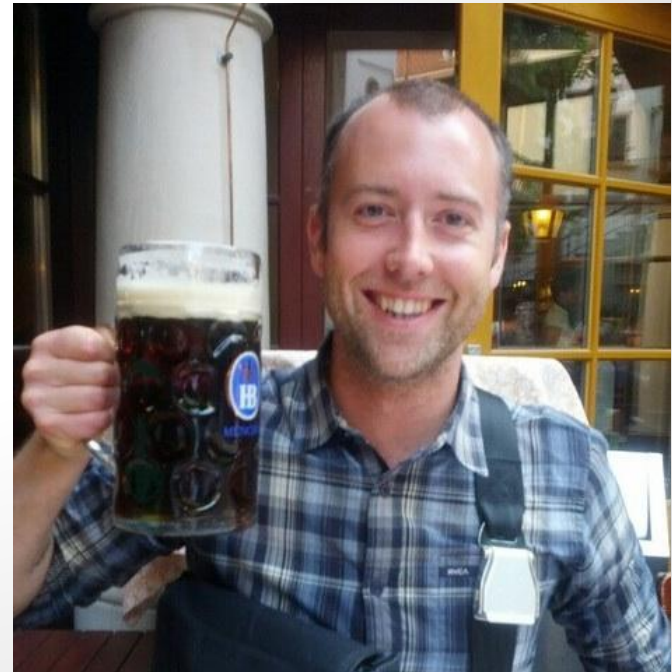
THE FIRST GATE TO MOBILE HELL STARTS WITH ONE QUESTION.



WHICH WEBKIT IS THIS MOTHER FUCKING THING RUNNING?

- Brian Leroux (PhoneGap)

http://www.quirksmode.org/webkit_mobile.html



Testing



Sinon.
JS



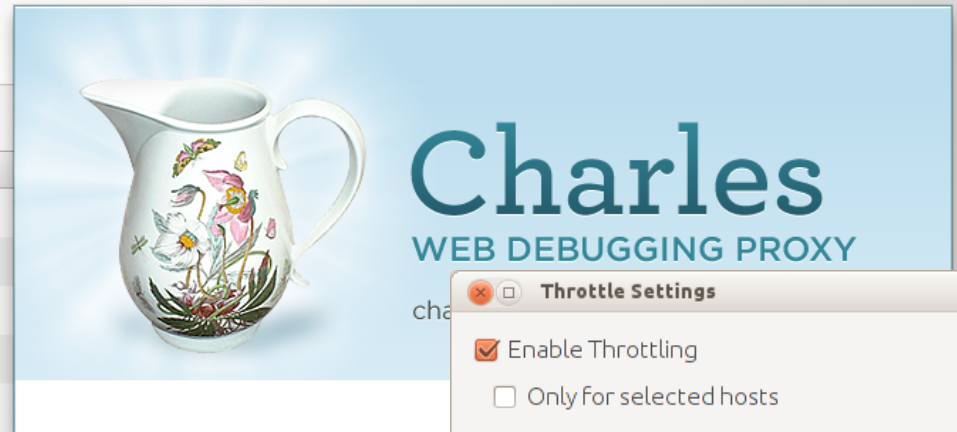
Network

Sources Timeline Profiles Audits Console PageSpeed

	Method	Status Text	Type	Initiator	Size Content	Time Latency
	GET	200 OK	text/html	Other	2.80KB 5.08KB	
	GET	200 OK	text/css	index.do:24 Parser	9.32KB 46.23KB	
	GET	200 OK	application/java...	index.do:27 Parser	1.14KB 1.65KB	
	GET	200 OK	text/css	index.do:27 Parser	2.60KB 4.13KB	
	GET	200 OK	application/java...	index.do:27 Parser	2.55KB 5.45KB	
	GET	200 OK	application/java...	index.do:27 Parser	45.68KB 151.51KB	102ms 91ms
	GET	200 OK	application/java...	index.do:27 Parser	32.27KB 92.82KB	95ms 62ms
	GET	200 OK	text/css	index.do:26 Parser	9.98KB 53.46KB	52ms 47ms
	GET	200 OK	text/javascript	index.do:241 Script	(from cache)	134ms 134ms
	GET	200 OK	application/json	jquery-1.5.2.min.js:16 Script	12.63KB 52.07KB	22ms 18ms
	GET	200 OK	image/jpeg	index.do:66 Parser	8.18KB 7.90KB	85ms 9ms
	GET	200 OK	text/html	jquery-1.5.2.min.js:16 Script	836B 2.20KB	39ms 17ms
	GET	200 OK	text/html	jquery-1.5.2.min.js:16 Script	596B 126B	70ms 66ms
	GET	200 OK	image/png	index.do:252 Parser	27.64KB 27.31KB	64ms 56ms
	GET	200 OK	image/png	index.do:252 Parser	24.62KB 24.30KB	58ms 45ms
	GET	200 OK	image/png	bw-mobile-v1.js:1 Script	1018B 724B	53ms 35ms
	GET	200 OK	image/gif	ga.js:51 Script	0B 35B	58ms 57ms

errupted | 491ms (onload: 494ms, DOMContentLoaded: 358ms)

All Documents Stylesheets Images Scripts XHR Fonts WebSockets Other



Throttle Settings

☒ Enable Throttling
☐ Only for selected hosts

Global Throttle Configuration

Throttle Preset: 3G

Bandwidth (kbps): 1024

Utilisation (%): 100

Round-trip Latency (ms): 600

MTU (bytes): 576

Add Preset Remove Preset

Hosts

Host Throttle

Add Remove

Remote debugging



Takk fyrir!



<http://movethewebforward.org/>