

# *Responsive Automation*

13-12-2013

Forest Xie



*The challenge in Responsive automation*

*Possible solutions for Responsive automation*

*Browsers performance Test in responsive design*

*Tools for Responsive*

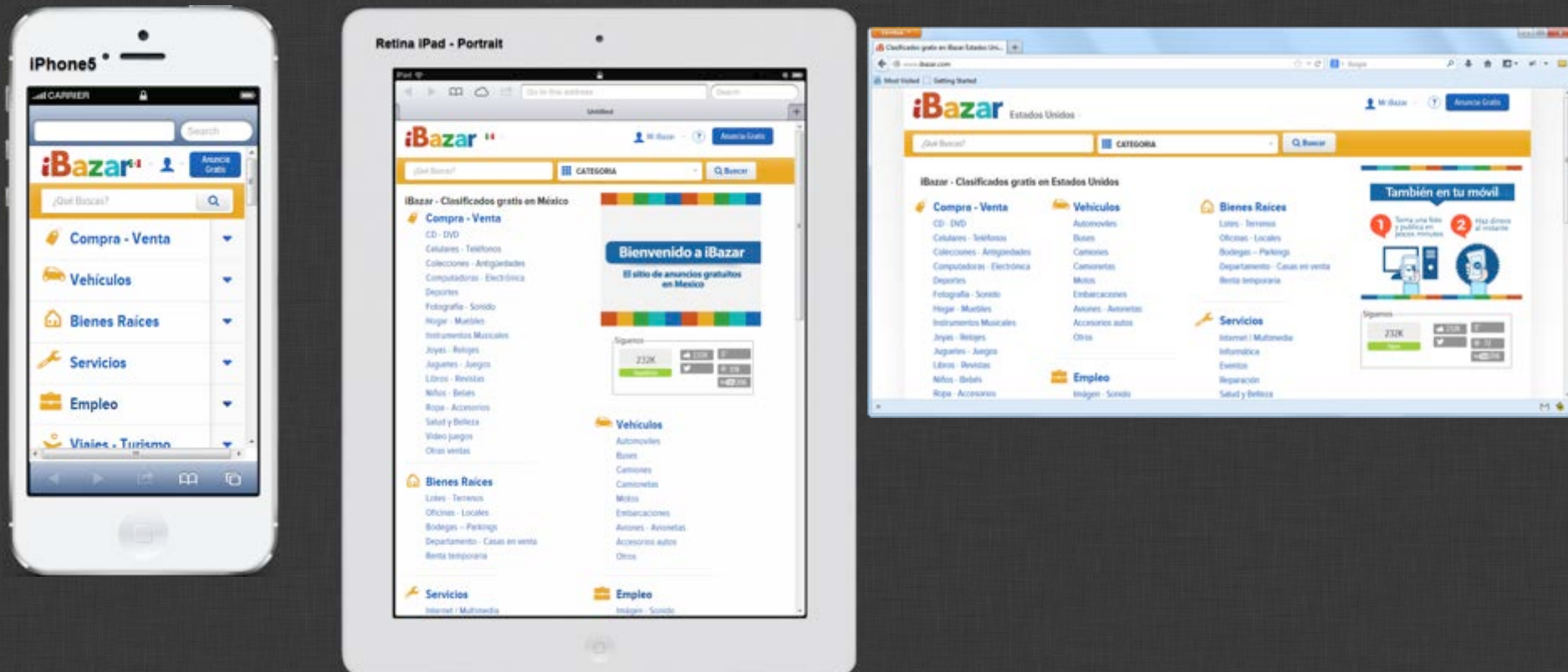
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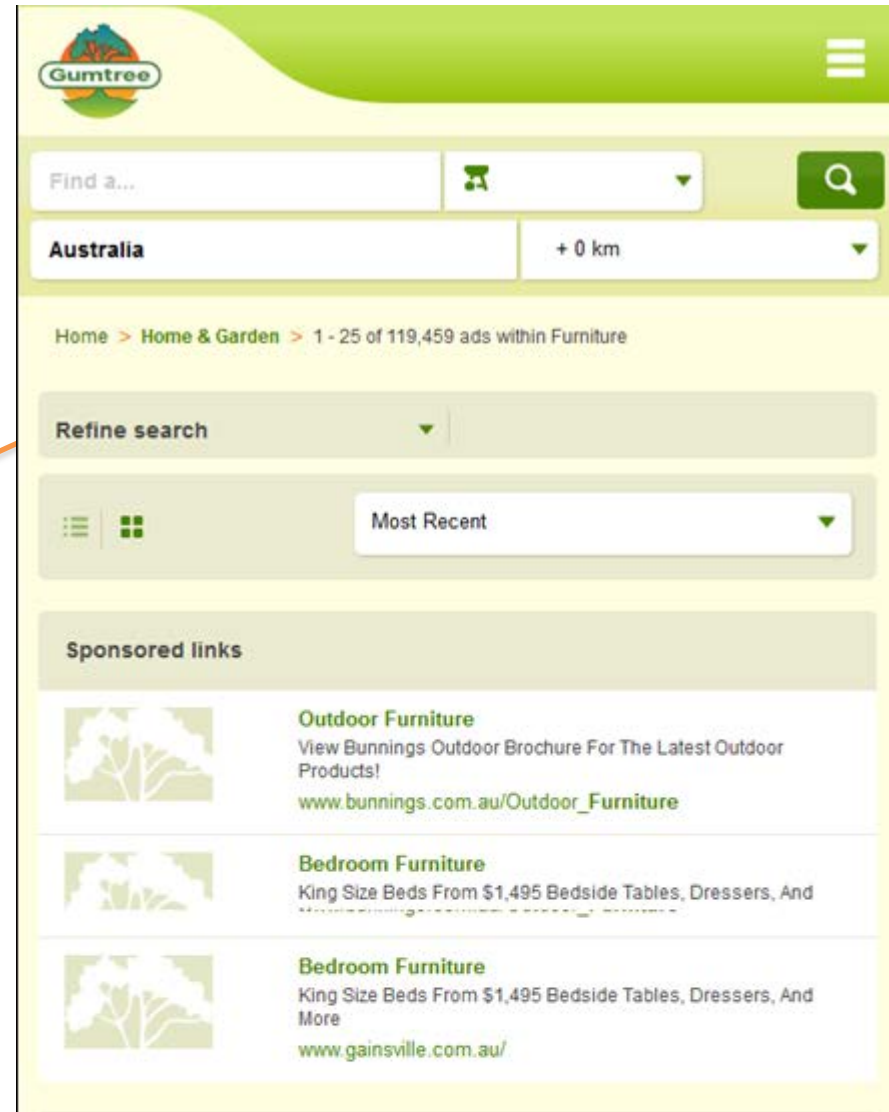
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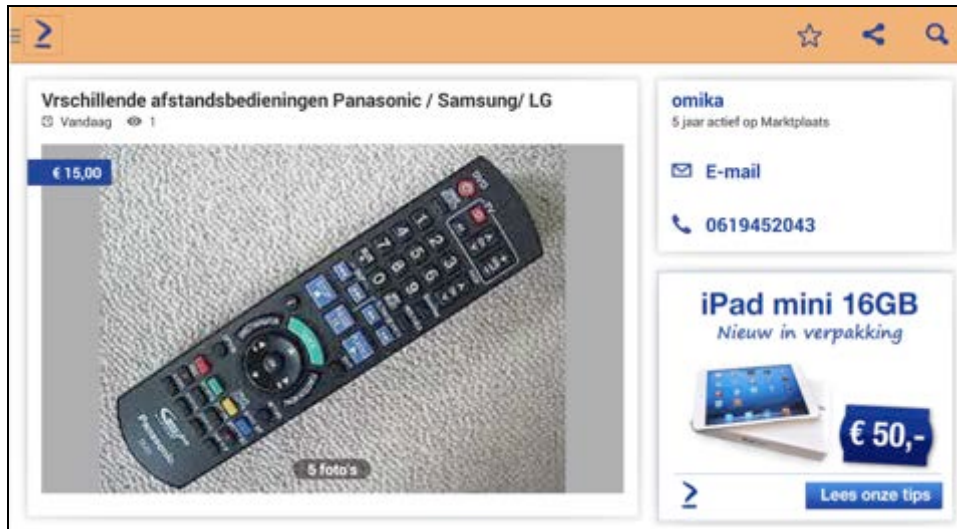
*Tools for Responsive*

Making your desktop site responsive eliminates the needs for Mobile versions of your site either native app or mobile web



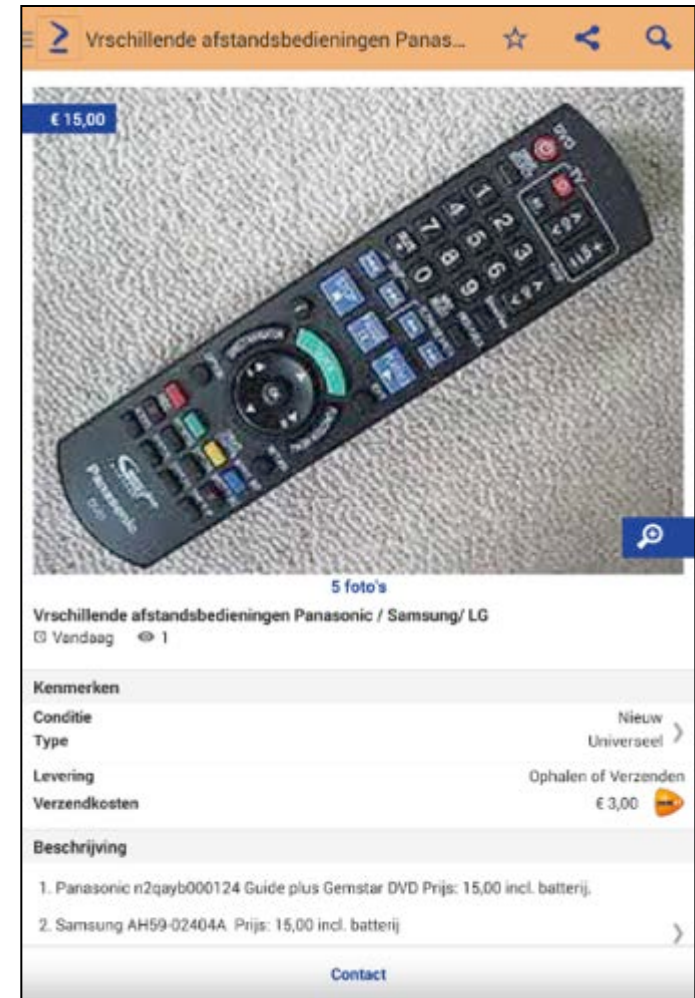
The same pageview in both cases but the banner is not shown in the small screensize version.





The banner for android is only shown on tablets in landscape mode.

Banners on iOS are shown on tablet in both landscape and portrait mode



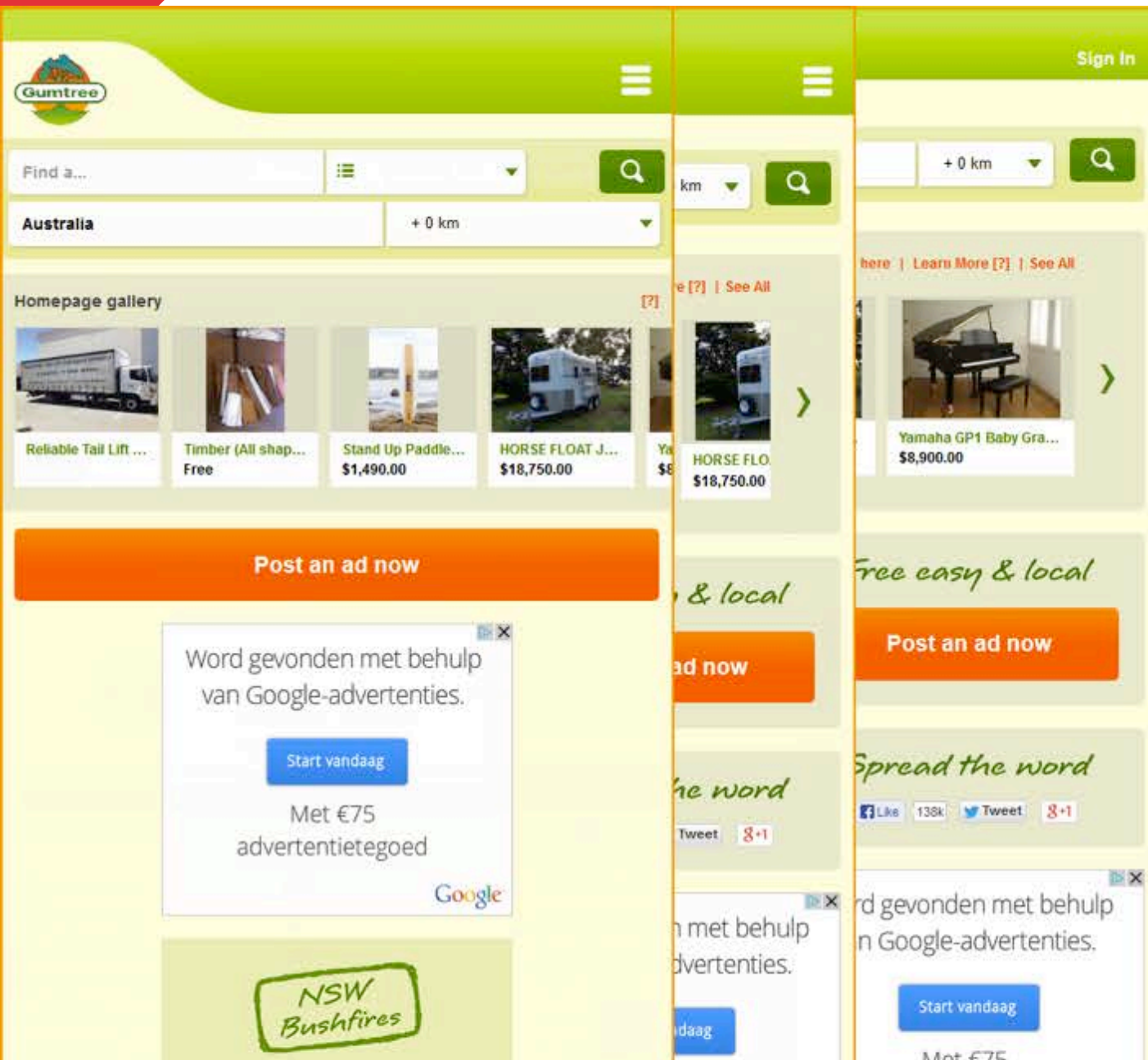
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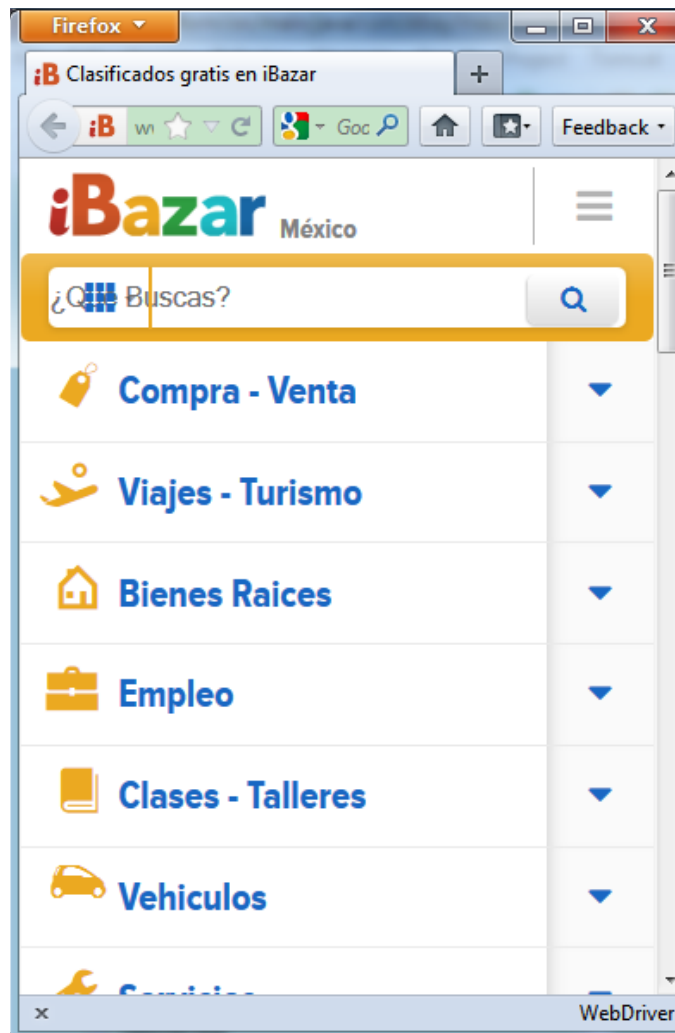
## Breakpoints determine what is shown on the page

Gumtree Australia uses three layouts:

- Large screensize >734 Pixels
- Medium screensize 580 pix -734 pix:
- Small screensize: <580 pix



```
<parameter name="browseHeight" value="600" />  
<parameter name="browseWidth" value="400" />  
<parameter name="ruienable" value="true" />
```





## Grid Console v.2.37.0

DefaultRemoteProxy unknown version,JSONObject["build"] not found.

id : http://10.32.98.8:3001, OS : MAC

Browsers

Configuration

WebDriver

v:[iPhone](#)[view config](#)

&lt;!-- Selenium WebDriver Settings Starts--&gt;

&lt;parameter name="browser" value="\*iphone" /&gt; &lt;!-- "\*firefox, \*chrome, \*iexplore" --&gt;

&lt;!-- &lt;parameter name="appName" value="Safari" /&gt; --&gt;

&lt;parameter name="webRunMode" value="ExistingGrid" /&gt;&lt;!-- LocallyOnRC, ExistingGrid or CreateGrid --&gt;

&lt;parameter name="webDriverGrid" value="http://10.32.98.7:4444/wd/hub" /&gt;

&lt;parameter name="label" value="desktop"/&gt;

&lt;!-- Selenium WebDriver Settings Ends --&gt;

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# BrowserMob Proxy

A free utility to help web developers watch and manipulate network traffic from their AJAX applications.



harstorage

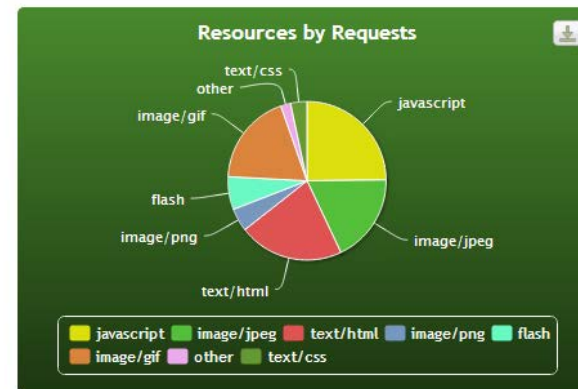
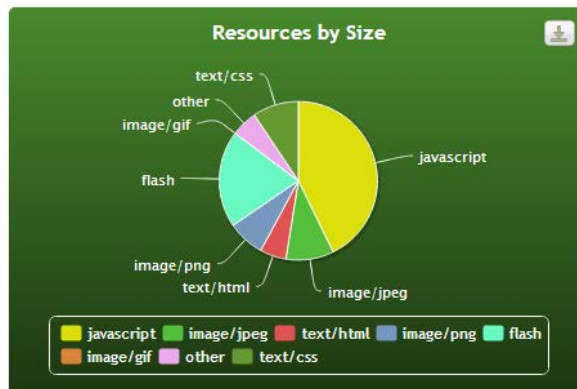
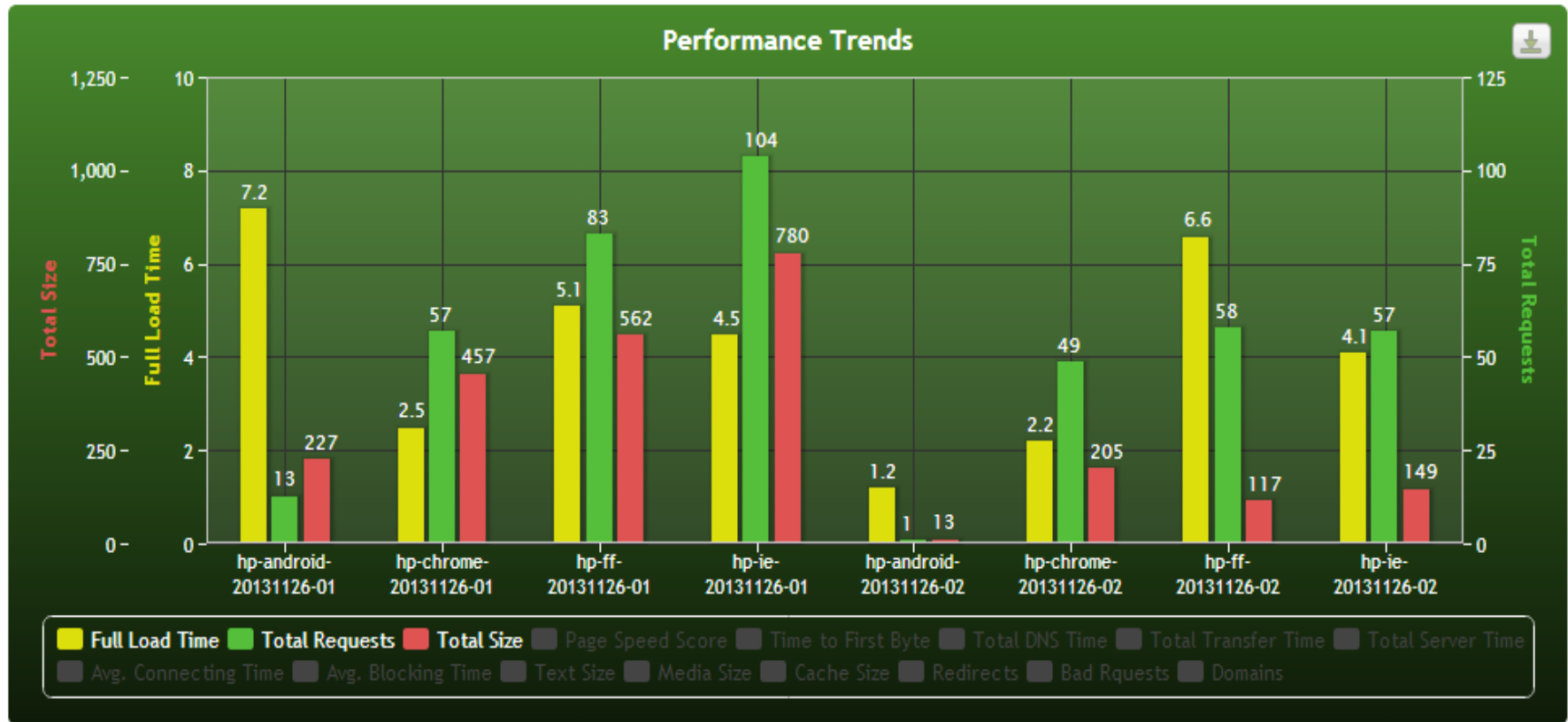
Free repository for performance measurements



## Project HarStorage-BOLT

This build requires parameters:

URL	<input type="text" value="http://www.gumtree.co.za.staging.qa-bolt.com/"/>
LOOP	<input type="text" value="10"/>
proxyEnabled	<input type="checkbox"/>
webProxy	<input type="text"/>
label	<input type="text"/>
secondLoadEnabled	<input type="checkbox"/>
	param indicates whether we want to hit url w/o cache
browser	<div>android ▼</div>
setBandWidthEnabled	<div>android chrome firefox ie</div>
	ed whether change default upstream/downstream kbps
upStreamKbps	<input type="text"/>
downStreamKbps	<input type="text"/>



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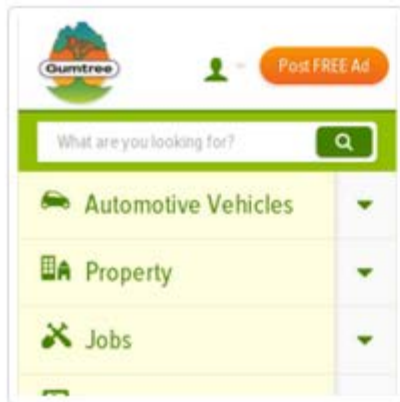
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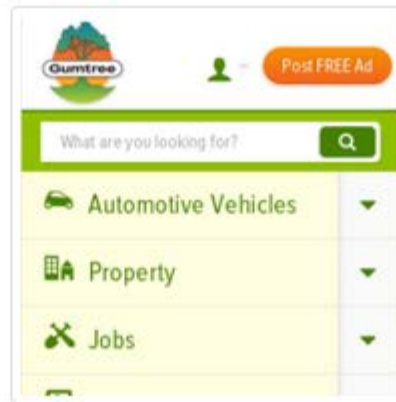


[http://10.9.208.194:8080/job/RUI-Regression/HTML\\_Report/](http://10.9.208.194:8080/job/RUI-Regression/HTML_Report/) □

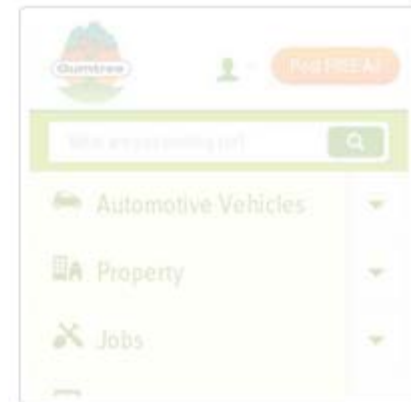
320px



product



staging



diff

54819 bytes

600px



**Ghostlab** designed to synchronise testing for sites and web apps across multiple devices. With minimum setup it allows you to simultaneously sync:

*Clicks*

*Navigation*

*Scrolls*

*Form input (e.g login forms, sign-up)*





<http://mashable.com/2013/03/18/web-design-tools/>

85 responsive design tools for design, development, testing

<http://www.hongkiat.com/blog/rwd-tools/>

50 Useful Responsive Web Design Tools For Designers

<http://vandelaydesign.com/blog/tools/responsive-web-design-testing/>

10 Helpful Resources for Testing Responsive Web Design

# Thanks for your attention

## Q & A

