

Once you've opened the file in Maqetta, if you hit the *Preview* button in the page editor's toolbar, a new browser tab will be open showing a live rendering of the sample:

Maqetta to RAD 8.5 Workflow, Part II: Mobile Browser Simulator (Maqetta: Visual Authoring of HTML5 User Interfaces)

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Using the controls in the preview, you can change the device type, change the zoom level, and modify the device's orientation. For example, in the screenshot below, I changed the device type to Android and flipped the device on its side:

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## Mobile Sample in RAD Page Editor

Now, let's switch to RAD. In the screenshot below, I've switched to the *Web Perspective* and opened *Sample3-Mobile.html* in RAD's Rich Page Editor. As you can see, the rendering looks a lot like like it did in Maqetta (the main difference being there's no device silhouette).

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## Using RAD's Mobile Preview

Now, of course, the next logical thing to do would be to launch the UI in a true mobile previewer like we did earlier in Maqetta. But, unlike Maqetta, there's some extra set-up required to use RAD's mobile preview:

1. First, right-click on Sample3-Mobile.html in the Explorer tab and choose Run As -> Run on Mobile Browser.

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2. This will cause the Run on Server wizard to launch. Click Finish.

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Run On Server	
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Select the <u>s</u> erver type:	
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Server's <u>h</u> ost name: <sup>0</sup>	localhost
Server na <u>m</u> e:	Web Preview Server at localhost
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?	< <u>Back</u> <u>Next</u> > <u>Finish</u> Cancel

- 3. When the wizard goes away, you'll see a *Progress Information* dialog.
- 4. Once processing is complete, the progress dialog will disappear and an inline browser will be shown within RAD with a rendering of the page that looks pretty useless. But, luckily, as we'll see in the next step, we can solve the issue very easily.

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5. The trick here is that we need to move to a full, standalone browser for the Mobile Browser Simulator to work properly. With that in mind, copy the URL in the inline browser's address bar from RAD and paste it into your desktop browser. At this point, you should see a mobile rendering more like you'd expect as the shown in the screenshot below. (NOTE: I happen to be using Firefox in the screenshots, but at the time of this writing the Mobile Browser Simulator supports Firefox 3.6+ and Chrome 17+).

Firefox *		×
Mobile Browser Simulator +		
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Mobile Browser Simulator The Mobile Browser Simulator displays mobile web pages in a varie	ity of mobile browser sizes and shapes.	
Webpage: http://localhost.8080/myProject/Sample3-Mobile.html	Go   Add Device 🔻   Scale All Devices: 100% 👻   📄 Enable Useragent Switching	
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	My Mobile App	

## Enabling User-Agent Switching in Mobile Browser Simulator

One of the features we saw earlier in Maqett'a preview was the ability to switch to different devices. If we want to do that in Mobile Browser Simulator provided by RAD, we need to enable user-agent switching (which is a one-time set-up):

1. First, click on the *Enable Useragent Switching* checkbox which will bring up the dialog below. Then, click on the *Install Browser Extension* link.

Install Useragent Switcher Extension	5
In order for the Mobile Browser Simulator to automatically switch the useragent	
ID string, an extension must be installed in the browser.	
The Simulator detects that a current version of the extension is not installed. Use the link below to install the latest extension for the current browser.	
Install Browser Extension	

2. Firefox will then present a pop-up saying it prevented software from being installed. At this point, you should click the *Allow* button on that dialog.



3. Next, you will see the typical warning about only installing add-ons from trusted sources. Click Install Now.

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Webpage: http://localhost.8080/myProject/Sample3-Mo	bile.html Go Add Device 🔻 Scale All Devices: 100% 👻 📄 Enable Useragent Switching		
	HTC Thunderbolt -		-
	Software Installation         Image: Install add-ons only from authors whom you trust.         Malicious software can damage your computer or violate your privacy.         You have asked to install the following item:         Image: Image		

4. When Firefox asks if you want to restart the browser, click the *Restart Now* button.



5. When the browser is restarted, you'll see that the *Sample3-Mobile.html* file is rendered using the *HTC Thunderbolt* device (the default for the Mobile Browser Simulator). And, you can see the other available device types by clicking on the device menu.

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	Apple iPhone 3GS	
	Apple iPhone 4 and 4s	
	News	

6. If you choose Apple iPhone 4 and 4S, you will see the rendering similar to what we had when we started in Magetta:

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