

Dick Rucker's notes on using Sandvox

- **1 Foreword**

What follows are my notes for the presentation plus specific information that Pi members will find useful when publishing websites created in Sandvox. To learn more about Sandvox from its developers, see <http://www.karelia.com/> and the extensive help files built into the application.

During the demo, I plan to show two websites I've built and published with Sandvox in order to make a few points. Next, I will launch Sandvox and demonstrate how to use it to create and publish a website to a couple of website servers including the one now available to all Pi members.

*Dick Rucker
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- **2 Using Sandvox to create a website**

Sandvox has an extensive and well-written Help file. What follows is just enough to get you started.

- **2.1 Tool Bar at top of window**

This contains the most frequently used commands. All commands can be found in the menus and their submenus. Two buttons to try out first are the:

- **2.1.1 Designs button**

This button toggles between "Show Designs" and "Hide Designs." Show gives you a variety of website templates to choose from. Pick one to start building your website. You can change your mind later and pick a different one. Sandvox will instantly recast your draft site using the family of Cascading Style Sheets (CSS) that control the formatting of the newly chosen design.

- **2.1.2 Pages, Pagelets, and Collections buttons**

Use these to pick the various elements available for building up your website, page by page.

- **2.2 Site Outline on left**

Shows all of the pages you've added so far to your website file. The pages are arranged in a tree structure. Clicking on any page takes the viewer to that page. Any page can be moved to any other location in the tree by the drag-and-drop method, edited, or deleted.

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- **2.3 Page Viewer on right**

Renders the HTML code added so far to the selected page. The rendering is done using WebKit, the open source core for Apple's Safari web browser. For more, see "For the geeks among us" below.

- **2.3.1 Header & Footer on every page**

These usually appear on every page of a site.

- **2.3.2 Pages**

The page viewer allows you to view one page at a time along with any associated pagelets. You can navigate to another page by clicking a page icon in the Site Outline or by clicking on a page button displayed by the rendered site.

To add content to a page or pagelet, drag-and-drop a text file or start typing.

- **2.3.3 Pagelets - optional**

If used, pagelets are placed in a column either on the left side or the right side of the main body. The choice of which side is initially chosen by the designer of the template you are using, but you have the option of editing the template if you feel comfortable working with Cascading Style Sheets.

- **3 Publishing your website on The Web**

Pick the server where you want to publish your site and arrange for access

Find out what the host server's terms are; e.g.,

- *URL* your friends and others will use to access your site*
- *URL for uploading your site files to the server*
- *Storage capacity made available to your account*
- *Starting HTML file name used when the incoming URL doesn't specify one – see the Sandvox Publishing Utilities folder accompanying these notes.*

**URL stands for "Uniform Resource Locator." This is the name given to such human-readable Internet addresses as:*

<http://www.wap.org>

- **3.1 When you have a dotMac account & wish to publish your website there**

*In the tool bar, click on **Setup Host** – or go to the submenu **Site >> Setup Host...** – and click the **New Configuration** button. Then click on **On a Remote Host** and then on **.Mac account**. Follow the easy instructions.*

For more on publishing websites on dotMac, go to:

<http://www.mac.com/>

*and click on the **Homepage** button.*

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• 3.2 When the Pi's website server is to host your website

When using the Pi's server as the host for your website, be aware that:

- *The storage capacity provided to every member's account is currently 25 MB*
- *Unless you have requested and received a special user name, the URL for your site will look something like this:*
`http://members.wap.org/jane.member/<startingDirectoryName>/`
- *The URL to which you will upload your website is:*
`http://members.wap.org`
- *The name of the starting file for your website is assumed by the Pi's server to be default.html unless the incoming URL specifies another. On the other hand, Sandvox assumes that the starting file name is the more commonly used index.html .*

Use one of the two publishing utilities – which can be found in a folder associated with these notes – to change the assumed name in Sandvox's Preferences file to default.html, the name assumed by the Pi's website server. You must run that utility before launching Sandvox. Read the web-publishing "read-me" document associated with those two utilities for more on why this should be done and how to do it using either utility.

*In the tool bar, click on **Setup Host** – or go to the submenu **Site >> Setup Host...** – and click the **New Configuration** button.*

Here's how I set up the demo website for hosting by the Pi's server:

URL Format: `http://members.wap.org/richard.rucker/`
Hostname: `members.wap.org`
Upload method: `FTP`
Username: `richard.rucker`
Password: `●●●●●●●●`
Document Root: `/`
Subfolder: `PiFavorites`

• 3.3 When you've chosen some other website

Sandvox makes it pretty easy to do, once you understand the basics above.

• 4 Prices: There is a 25% discount offered to MUG members until 31 Dec 07

Regular, Single User without coupon code: \$49

Regular, Household without coupon code: \$69

Pro, Single User, without coupon code: \$79

Pro, Household without coupon code: \$99

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Pro-only features:

- *getting under the hood to add & edit HTML directly*
- *Google Webmaster tools*
- *E-commerce, Google Analytics, Flash, etc.*

To get the discount as a member of the Pi, go to:

<http://www.karelia.com/mug/>

and click on the button Buy Sandvox or

Download Sandvox if you want to try it out first.

25% discount: *When buying Sandvox, either through Karelia's on-line store or via the application itself, you will be presented an opportunity to enter a **coupon code**. This code will be available to members at our September meeting and on-line on the Pi Announcements message board in the Pi Conference of the TCS.*

- **5 For the geeks among us**

- **5.1 Frameworks used by Sandvox**

- **5.1.1 WebKit from Apple**

WebKit is an open source web browser engine. WebKit is also the name of the Mac OS X system framework version of the engine that's used by Safari, Dashboard, Mail, and many other OS X applications.

WebKit's HTML and JavaScript code began as a branch of the KHTML and KJS libraries from KDE.

- **5.1.2 Core Data from Apple**

Supports an application in managing the data objects it uses and in saving and fetching them from a persistent storage device, such as a disk drive.

- **5.1.3 Connection Kit from Under The Radar (UTR) Software**

Contributors: Greg Hulands, Dan Wood, & Terrence Talbot

Open Source Connection Framework that can publish via HTTP, FTP, SFTP, WebDAV, dotMac and to Amazon S3.