WEBMACRO WIKI

DEVELOPING AND MANAGING

A WIKI SITE USING WEBMACRO WIKI

BY LANE SHARMAN

LANE@OPENDOORS.COM

MANY THANKS TO ERIC RIDGE FOR HIS INVALUABLE WORK.

LAST REVISION: 1-AUG-2003

© OPEN DOORS SOFTWARE, 2003

TABLE OF CONTENTS

A WIKI SITE: THE RAW MATERIALS.....2

INITIALIZING YOUR SITE FOR DEVELOPMENT.....3

PERFORMING THE DEPLOYMENT.....5

© Open Doors Software, 2003

A WIKI SITE: THE RAW MATERIALS

Creating a wiki site from WM wiki is easy but you must follow a process and understand the parts you are working with. It is like following a recipe. First, let's understand the major parts you have to work with in the directory tree.

Element	***Description***
build.xml	Builds the baseline wiki and helps you build a new wiki.
builds/help/	Where this document lives.
src/	The source tree for wiki which you should not have to modify.
builds/www.webmacro.org/	The baseline wiki. Your wiki will be built from this structure.
builds/www.webmacro.org/templates/	The templates for rendering a wiki page. A few of these will be modified by you in creating a wiki site.
builds/www.webmacro.org/htdocs/	A few files including image files which you will have to replace.
builds/www.webmacro.org/etc	Contains the deployment file, web.xml, and the runtime property file for wiki, wiki.properties.

You will ***not*** change any of these files in their original locations. They represent a baseline for you. In the next chapter, you will create your work area which will be referred to as your ***SiteName***. For the remainder of the document:

wiki.opendoors.com	will be the site name; and it will be the directory created in the next section. You will use a different name.
/deploy/wiki.opendoors.com	will be the target installation directory.

INITIALIZING YOUR SITE FOR DEVELOPMENT

To initialize your working site, run an ant task from the root directory:

>ant prepareNewWiki -Dsite.name=wiki.opendoors.com

This will create and populate a directory, builds/wiki.opendoors.com/ (again, your name will be different: builds/www.yoursitename.com).

Here are the basic tasks which you must complete in this directory.

Files to Modify	***Activities***
templates/*.wm	Replace in the template files, WebMacro, and any other text as desired. The templates are like html docs. Format the header and footer templates to taste.
htocs/site-style.css	This file controls the overall look and feel. Modify to taste.
htdocs/images/logo-normal.gif, logo-small.gif	Replace contents of these files with your own logos.
templates/webmacro.wm	Rename this file to home.wm and edit to taste. This will be your default start up file for http://wiki.opendoors.com

Files to Modify	*Activities*
etc/wiki.properties	Change: WebMacro: webmacro.wm to Home: home.wm Change: StartPage: WebMacro to StartPage: Home

PERFORMING THE DEPLOYMENT

At this stage, builds/wiki.opendoors.com/ has been edited and updated to the extent possible. It represents a your wiki baseline. You should edit this baseline going forward. As needed, you will introduce custom templates.

NOTE: To introduce a custom template, add the wiki page it maps to in wiki.properties. For example:

VisitorStats: visitorstats.wm

would tell the wiki runtime engine to parse out visitorstats.wm for a reference to http://VisitorStats. The default page viewer would not be parsed out (view.wm).

To perform the deployment, go to the root directory, and enter the following command:

```
>ant install -Dsite.name=wiki.opendoors.com -Ddir.install=/deploy/wiki.opendoors.com
```

This will merge into your work space /builds/wiki.opendoors.com/, the original baseline from builds/www.webmacro.org/. The task will not overwrite existing files in case you have manually copied over some existing templates for modification.

Once the copy command is complete, the task will jar up all the resources and you should be able to start testing your web site at http://wiki.opendoors.com.

Good luck!