

Publishing System Guidebook

Introduction

All manpage source files will be written in asciidoc format. Asciidoc is a readable text markup language. Using the asciidoc command all documents will be converted to Docbook which is an XML schema with tags for specifically for publishing. Using XSLT we can transform our Docbook source files into other formats such as PDF, html and manpages.

Setup

Follow the steps below to setup your publishing environment.

1. Install the following packages on your Linux OS.

Ubuntu/Mint	Fedora
docbook docbook-xsl docbook-xsl-doc-pdf docbook-xsl-doc-html libservlet2.4-java docbook2odf docbook2x xsltproc asciidoc	docbook-dtds docbook-simple docbook-utils-pdf docbook-style-dsssl docbook2X docbook-utils docbook-style-xsl xsltproc asciidoc

2. Create your local svn source tree

1. Install svn

1. Fedora - `su - ; yum install svn`

2. Ubuntu/Mint - `sudo apt-get install subversion`

2. Checkout the xcpdocs project

1. CD to where you want to store the xcpdocs project and
`type - svn checkout`

- <http://cloud.acs.edcc.edu/svn/xcpdocs>

2. Enter your username and password when prompted

3. Follow the svn guide for more info -
<https://portal.acs.edcc.edu/mod/resource/view.php?id=2839>

Creating Documentation

1. Create personalized template
 1. CD to your new xcpdocs project directory. Then CD to the xcpdocs/trunk/docs/source/asciidoc/TEMPLATES directory. Make a copy of example_manpage.ad and add your author information. Save it as <your name>_template.ad
2. Write Documentation:
 1. Pick an xe subcommand from the list at <https://portal.acs.edcc.edu/mod/resource/view.php?inpopup=true&id=2843>
 2. Research the command
 1. Log into cloud.acs.edcc.edu port number 10150 and test
 2. Alternately install XCP in Virtualbox and test
 3. Write your manpage in asciidoc with a text editor (geany, bluefish etc.) and save it in xcpdocs/trunk/docs/source/asciidoc/. For example: The manpage for xe vm-list would be saved as xe-vm-list.ad.
3. Test your manpage by using a2x and man
 1. a2x --doctype manpage --format manpage <your asciidoc manpage> eg. xe-vm-list.ad
 2. man <manpage name> eg. man ./xe-vm-list.1
4. Make other documents and update subversion
 1. CD into the directory of the new files - `makedocs -mu xe-command.ad`

Peer Review

1. Present manpages to team at bi-monthly meeting for feedback
2. Mark the manpages as finished at <https://portal.acs.edcc.edu/mod/resource/view.php?inpopup=true&id=2843>
3. Make a hard link to it in xcpdocs/docs/source/asciidoc/RELEASE/
ie. `ln example_manpage.ad ../RELEASE/`