

DocBook Publishing and Authoring Made Easy with DAPS

DocBook Authoring and Publishing Suite

Frank Sundermeyer
Technical Documentation Specialist
fsundermeyer@opensuse.org

DAPS

Why DAPS?

- DocBook is the ideal framework when it comes to publishing documentation projects in different formats **but** it does not offer tools to easily achieve that goal.
- For newcomers DAPS considerably lowers the bar to get started with DocBook.
- For long-standing DocBook users DAPS allows to focus on the things that matter (content and stylesheets) rather than having to maintain their own tool chain again and again.

DocBook Publishing Made Easy with a Single Command

- Transforms DocBook sources into a variety of output formats (chunked/single **HTML**, **Web Help**, color/grayscale **PDF**, **ePUB**, **ASCII**, **man pages**)
- Supports various source **image formats** and automatically converts them to PDF, PNG or SVG
- Can be **configured** per system, per user and per document
- Allows to **switch stylesheets** via command line option or config
- 100% **open source**: GPL 2.0 or GPL 3.0 at your choice

Large Project Support

- Supports **profiling** (arch, condition, os, vendor)
- **Build parts of a set** (books, articles, ...), even with different stylesheets
- Generate **file lists** (source XML files and/or source images) (per book or set)
- Create **distributable archives** (per book or set)
 - with valid profiled sources for translation or reviews
 - with output formats (e.g. for deploying HTML/Web Help on the web server)
 - with complete sources for the whole set

Authoring Tools

- "init" script to create a **new project from scratch**, including the complete environment needed by DAPS
- **Validate** your profiled DocBook sources (using xmllint)
- **Linkchecker** for http(s)/ftp links in XML sources
- **Spellchecker** (aspell) with the necessary adjustments to check DocBook documents
- Check all images in a document with an image viewer (to assist updating screenshots, for example)
- DocBook4 macro set for emacs' nXML and psgml modes

History

- DAPS evolved from the tool chain used by the SUSE documentation team (susedoc)
- susedoc/DAPS is used since more than 6 years to create the openSUSE manuals
- DAPS 1.0 the first public release is no longer a SUSE specific solution but can be used for all DocBook projects

DAPS is sponsored by



DAPS



Demo

Future Plans (DAPS 2.0)

- Support for DocBook 5 (Relax NG)
- XSLT 2.0 support
- Annotated config files for basic stylesheet adjustments (set stringparam values)
- Create HTML/PDF with changebars from two different versions
- Allow subdirectories for XML sources
- Improved entity handling (multiple entity files in subdirectories)
- Bash TAB completion
- Performance improvements by splitting Makefiles

Try. Use. Join. Contribute.

daps.sf.net



DocBook Authoring and Publishing Suite



Home:
daps.sf.net



Download:
sf.net/projects/daps/files



Discussion:
sf.net/projects/daps/discussion



Bugs/Enhancements:
sf.net/projects/daps/tickets



Source Code:
sf.net/projects/daps/svn



Documentation:
sf.net/projects/daps/home