

DITA sample topics and bookmap

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About "demo/dita-sample.ditamap"

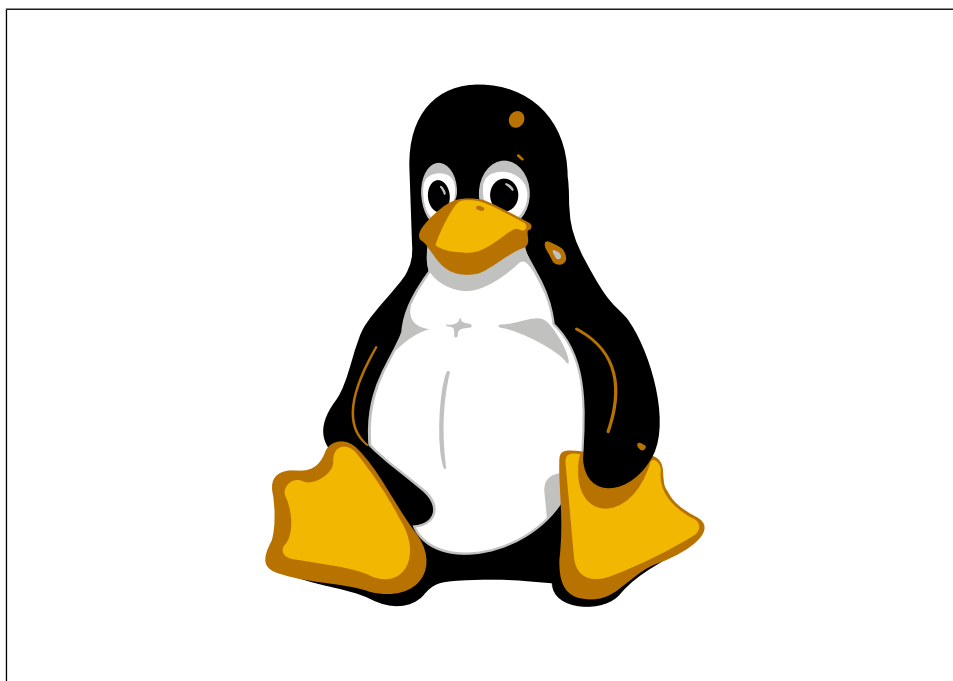
The goal of `demo/dita-sample.ditamap` is very modest: allow the curious person to see how DITA topics and maps looks styled by XMLmind XML Editor (XXE for short). This document is by no mean a DITA tutorial.

Remember

If you use XXE to author DITA documents:

- You'll be able to use not only PNG, JPEG and GIF images to illustrate your documents, but also any image format supported by an *image toolkit plug-in*.

Figure 1. The `image` element contained in this `fig` element points to an SVG file. (Requires the add-on called "Batik image toolkit plug-in".)



- You'll be able to embed *MathML* equations in your topics and, using the **MathML** tool, to edit these equations without really having to learn MathML.

Figure 2. This `fig` element contains a `foreign` element itself containing a `math:math` element. (Requires the add-on called "MathML support" in order to be able to edit the equations.)

$$\{ \times E = - \quad B \quad t \times B = \mu_0 \quad J + \mu_0 \quad 0 \quad E \quad t$$

Of course, converting DITA documents making use of the above features to formats such as HTML, PDF, RTF, etc, works fine. You just need to install the following add-ons:

- The add-on called "XSL-FO processor plug-in". Note that due to add-on dependencies, installing this add-on will automatically install the add-on called "Batik image toolkit plug-in".
- The add-on called "MathML support".

Installing add-ons consists in selecting menu item **Options** → **Install Add-ons**, selecting the desired add-ons, clicking **OK** and then restarting XXE as instructed by the application.

Chapter 1. What is a topic?

The `topic` element is the top-level DITA element for a single-subject topic or article. Other top-level DITA elements that are more content-specific are `concept`, `task`, `reference`, and `glossary`.

The most basic elements resembles the XHTML elements. The paragraph element is called `p`, the preformatted text is called `pre`, etc.

Figure 1-1. A `pre` element containing some C++ code

```
// my first program in C++

#include <iostream>
using namespace std;

int main ()
{
    cout << "Hello World!";
    return 0;
}
```

A paragraph can contain *i* elements, **b** elements, `tt` elements, among many other inline elements. The element used to represent internal and external links is called `xref`. This element deserves having a short tutorial on its own.

- The list element is called `ul`. It contains `li` elements.
- Second `li`.
- Third `li`.

As expected, ordered lists are called `ol`:

1. First `li`.
2. Second `li`.
3. Third `li`.

Suprisingly, `dl` lists slightly differ from their XHTML equivalent. The customary `dt` and `dl` elements are wrapped in a `dlentry` element.

First `dt`

First `dd`.

Second `dt`

Second `dd`.

Third `dt`

Third `dd`.

Tables are different from XHTML's. What follows is a simple table:

<code>sthead/stentry</code> A	B
<code>strow/stentry</code> A,1	B,1

sthead/stentry A	B
A,2	B,2

Advanced tables are borrowed from CALS (AKA DocBook table):

Table 1-1. A CALS table.

tthead/row/entry A	B
tbody/row/entry A,1	B,1
A,2	B,2

Related information

- [A related-links/link pointing to sample glossary](#)
- [A related-links/link pointing to the "XMLmind DITA Converter" web site](#)
- [Chapter 2. A sample task](#)
- [Chapter 3. A sample reference](#)
- [Appendix A. A sample concept](#)

Chapter 2. A sample task

You open the box and insert the drive.

Procedure

1. Unscrew the cover.

The drive bay is exposed.

2. Insert the drive into the drive bay.

If you feel resistance, try another angle.

Chapter 3. A sample reference

hostname [-fs] [*name-of-host*]

DESCRIPTION

The **hostname** utility prints the name of the current host. The super-user can set the **hostname** by supplying an argument.

Options:

- f** Include domain information in the printed name. This is the default behavior.
- s** Trim off any domain information from the printed name.

HISTORY

The **hostname** command appeared in 4.2BSD.

Related information

- [gethostname\(3\)](#)
- [scutil\(8\)](#)

Appendix A. A sample concept

If you wish to attract more birds to your Acme Bird Feeder, learn the art of bird calling. Bird calling is an efficient way to alert more birds to the presence of your bird feeder.

Bird calling requires learning:

- Popular and classical bird songs.
- How to whistle like a bird.

Glossary

glossterm 1

The `glossterm` element specifies the preferred term associated with a definition of a sense. If the same term has multiple senses, create a separate `glossentry` topic for each sense.

glossterm 2

`glossdef 2.`

glossterm 3

`glossdef 3.`

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