

Adobe

FrameMaker 7.2

Using the DITA Starter Kit
Online Manual



Using the DITA Starter Kit

The Darwin Information Typing Architecture (DITA) is an extensible, topic-oriented information model that facilitates modular publishing, metadata-based content filtering, and content re-use. FrameMaker® software provides a starter kit for the DITA DTD that supports authoring, maintaining, and publishing DITA-compliant documents in structured FrameMaker. You can use the DITA starter kit as-is or modify it to suit your organization's needs.

What's included with the DITA starter kit

Installation of the starter kits are optional when you install FrameMaker. If you're using FrameMaker on a UNIX® system and want information on how to install it, see *Installing Frame® Products*. If you're using FrameMaker on a Windows® system, see *Getting Started*.

If you use FrameMaker on a Windows platform, the DITA starter kit is installed in the following directories:

DITA Application	<code>install_dir/structure/xml/DITA/app</code>
Sample DITA Documents	<code>install_dir/structure/xml/DITA/samples</code>

where `install_dir` is the location of your FrameMaker installation.

If you use FrameMaker on a UNIX platform, the DITA starter kit is installed in the following directories:

DITA Application	<code>\$FMHOME/fmunit/ui language/structure/xml/DITA/app</code>
Sample DITA Documents	<code>\$FMHOME/fmunit/ui language/structure/xml/DITA/samples</code>

where `$FMHOME` is the directory in which FrameMaker is installed and `ui language` indicates a particular user-interface language, such as `usenglish` or `ukenglish`.

The app directory

The app directory contains the files needed to support the DITA starter kit. It includes the following files:

File	Purpose
<code>ditabase.dtd</code>	The parent file for the DITA 1.0 DTD
<code>concept.dtd</code> <code>reference.dtd</code> <code>task.dtd</code> <code>topic.dtd</code>	Specialized DTDs provided with DITA 1.0
<code>map.dtd</code>	DTD for DITA map files

File	Purpose
highlightDomain.ent mapGroup.ent programmingDomain.ent softwareDomain.ent topicDefn.ent uiDomain.ent utilitiesDomain.ent	Modular components of the DITA DTD
concept.mod highlightDomain.mod map.mod mapGroup.mod metaDecl.mod programmingDomain.mod reference.mod softwareDomain.mod task.mod tblDecl.mod topic.mod topicAttr.mod uiDomain.mod utilitiesDomain.mod	Modular components of the DITA DTD
catalog-dita.txt	Catalog of DITA public entities (text version).
catalog-dita.xml	Catalog of DITA public entities (XML version).
edd	FrameMaker EDD, including formatting rules for supported DITA elements
rules	Read/write rules
template	Structured FrameMaker template to use on import
import.xsl	XSLT stylesheet. Invoked by DITA structure application on import to transform DITA constructs to FrameMaker objects.
export.xsl	XSLT stylesheet. Invoked by DITA structure application on export to transform FrameMaker objects to the DITA content model.

The default `structapps.fm` file contains the definition of the DITA application. For information on creating and editing `structapps.fm`, see the online manual, the *Structured FrameMaker Developer's Guide*.

The samples directory

The `samples` directory includes files that were provided with version 1.0 of the DITA Open Toolkit. These files may be used for working with the FrameMaker DITA starter kit.

File/Folder	Purpose
hierarchy.ditamap	Example map file for publishing example documents, organized in a hierarchy relationship. Can be used to publish the sample document set using the DITA Open Toolkit.
sequence.ditamap	Example map file for publishing example documents, organized in a sequence relationship. Can be used to publish the sample document set using the DITA Open Toolkit.
concepts (folder)	Example DITA concept instances.
image (folder)	Images referenced by the DITA example files

File/Folder	Purpose
tasks (folder)	Example DITA concept instances.

DITA resources

The following DITA resources are available:

DITA distribution

The DITA Version 1.0 distribution includes the DITA DTD, DITA XML Schema, and two specification documents: *OASIS DITA Architectural Specification* and *OASIS DITA Language Specification*. The DITA distribution is available from <http://www.oasis-open.org/committees/dita>.

DITA Open Toolkit

The DITA Open Toolkit provides a processing environment, based on XSLT, for publishing DITA-compliant documents. The latest DITA Open Toolkit is available from <http://dita-ot.sourceforge.net>.

The sample documents included with the FrameMaker DITA Starter Kit were included in version 1.0 of the DITA Open Toolkit.

Notes

The DITA example application is intended as a starter point for further development, and is provided only for evaluation and educational purposes.

The DITA example application does not support editing of DITA maps or relationship tables. The example application does not attempt to preserve all FrameMaker formats and layout properties when saving DITA documents as XML.

Pathnames to the DITA DTD are hard-coded in the import and export XSL transformation files. Users of the UNIX version of FrameMaker and users who wish to change the installation folder of the FrameMaker DITA example application will need to change these pathnames.