



SCRIPTORIUM

The Content Strategy Experts

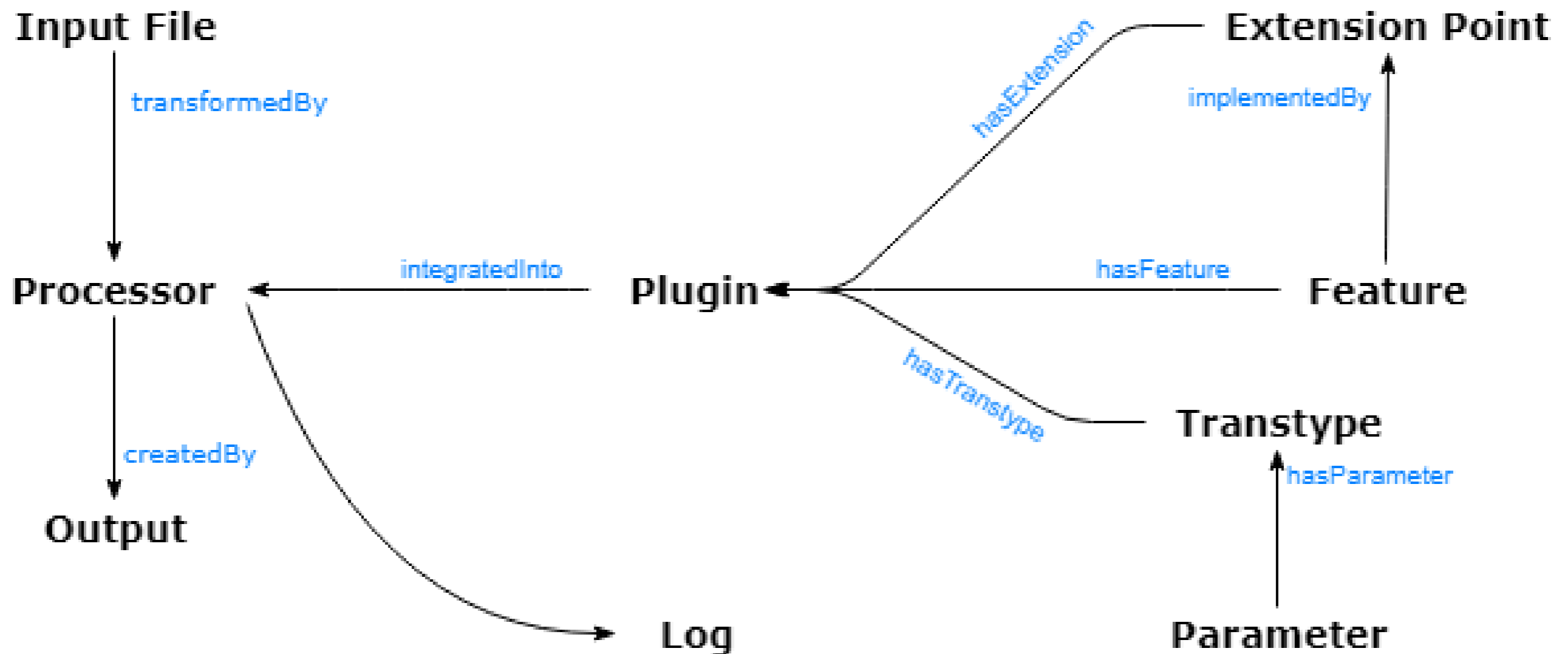
DITA-OT Website & Docs: Taxonomy and Search

#ditaot | #ditaotday/@Lief_Erickson

Project in a Nutshell

- User survey
- Stakeholder interview
- Domain model
- Search data and term frequency
- Taxonomy
- Indexing guidelines
- Usability test
- Recommendations

Domain Model



Taxonomy

Subject scheme for @outputclass

```
<subjectScheme>
  <subjectHead>
    <subjectHeadMeta>
      <navtitle>Controlled values for @outputclass on certain elements</navtitle>
    </subjectHeadMeta>
  </subjectHead>

  <subjectdef keys="bootstrap-classes"> [19 lines]

  <subjectdef keys="codeblock-outputclass"> [35 lines]

  <subjectdef keys="codeph-outputclass">
    <topicmeta> [6 lines]
    <subjectdef keys="ant-target"/>
    <subjectdef keys="plugin-name"/>
    <subjectdef keys="preprocess"/>
  </subjectdef>

  <subjectdef keys="title-outputclass"> [6 lines]

  <!-- Bind an attribute to a tree of related values -->
  <enumerationdef> [5 lines]
  <enumerationdef>
    <elementdef name="codeph"/>
    <attributedef name="outputclass"/>
    <subjectdef keyref="codeph-outputclass"/>
  </enumerationdef>
  <enumerationdef> [4 lines]
```

Website

DITA-OT docs website

DITA Open Toolkit Download Plugins Contribute ▾ Support ▾ Docs ▾ Events ▾



Search the docs...

Search

DITA Open Toolkit 3.3

Release Notes

- Installing DITA-OT
- Authoring formats
- Building output
- Setting parameters
- Customizing DITA-OT
- Troubleshooting
- Reference
- Resources

DITA Open Toolkit 3.3

DITA Open Toolkit, or *DITA-OT* for short, is a set of Java-based, open-source tools that provide processing for content authored in the *Darwin Information Typing Architecture*.

Note: While the DITA standard is owned and developed by OASIS, the DITA Open Toolkit project is governed separately. DITA-OT is an independent, open-source implementation of the DITA standard.

DITA-OT documentation

The DITA Open Toolkit documentation provides information about installing, running, configuring and extending the toolkit.

Website recommendations

The screenshot shows the DITA Open Toolkit website documentation. At the top, there is a navigation bar with links for 'DITA Open Toolkit', 'Download', 'Plugins', 'Contribute', 'Support', 'Docs', and 'Events'. A search bar is located on the right side of the navigation bar. Below the navigation bar, there is a warning banner with a red circle containing the number '1' and the text 'Old docs This is an older version of the documentation. Switch to the current release 3.3 or the latest development documentation.' Below the banner, there is a breadcrumb trail: 'DITA Open Toolkit X.X > Release Notes > Installing DITA-OT > Authoring formats > Building output > Setting parameters > DITA-OT parameters > HTML-based output'. A red circle with the number '2' is placed over the 'HTML-based output' link. To the right of the breadcrumb trail, there is a sidebar menu with a red circle containing the number '3' next to the 'HTML-based output' link. The sidebar menu includes the following items: 'DITA command arguments', 'DITA-OT parameters', 'Common', 'PDF', 'HTML-based output', 'HTML5', 'XHTML', 'HTML Help', 'Eclipse Help', 'Other', 'Configuration properties', 'local.properties', 'plugin.properties', 'configuration.properties', and 'Internal Ant properties'. The main content area contains placeholder text: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut...', 'Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea con...', 'Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pa...', and 'Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anir...'.

Search experience

Popular search terms for DITA-OT

1. Ditaval (66)
2. Markdown (38)
3. Plugin (24)
4. Java (24)
5. Nav-toc (23)
6. Install (23)
7. Font (22)
8. Integrator (21)
9. Dita (21)
10. CSS (21)

Total Queries: 4447

Top 10 search results

The screenshot shows the DITA Open Toolkit website with a search bar containing 'args.'. The search results are displayed in a dropdown menu on the right side of the page. The main content area shows the 'DITA Open Toolkit' page with a navigation menu on the left and a list of search results on the right. The search results are categorized by documentation type and include links to various parameter-related pages.

Navigation: DITA Open Toolkit | Download | Plugins | Contribute | Support | Docs | Events

Search: args.

Documentation Results:

- Eclipse Help parameters: [Eclipse Help parameters](#) (`args.eclipse.provider...`)
- HTML5 parameters: [HTML5 parameters](#) (`args.artlbl...`)
- PDF parameters: [PDF parameters](#) (`args.artlbl...`)
- XHTML parameters: [XHTML parameters](#) (`args.xhtml.contenttarget...`)
- Common parameters: [Common parameters](#) (`args.debug...`)
- HTML-based output parameters: [HTML-based output parameters](#) (`args.artlbl...`)
- Microsoft Compiled HTML Help parameters: [Microsoft Compiled HTML Help parameters](#) (`args.htmlhelp.includefile...`)
- Publishing with project files: [About project files](#) (`args.cssroot...`)
- Migrating to release 1.8: [Preprocessing](#) (`args.message.file...`)
- Adding custom headers and footers: [Procedure](#) (Set `args.hdr` to include an XML file as a...)

Main Content:

DITA Open Toolkit

DITA Open Toolkit, or DITA-OT for short, is a tool for processing content authored in the DITA standard.

Note: While the DITA standard is owned and governed separately, DITA-OT is an independent project.

DITA-OT documentation

The DITA Open Toolkit documentation provides information about the toolkit.

- See the [DITA Open Toolkit 3.3 Release Notes](#)
- [Installing DITA Open Toolkit](#) shows how to install the toolkit.
- [Building output](#) provides information about building output.
- [Alternative authoring formats](#) introduces new authoring formats.
- [Output formats](#) describes the core transformation.
- [Setting DITA Open Toolkit parameters](#) explains command arguments and options, DITA-OT parameters, and the `args` file.
- [Customizing DITA Open Toolkit](#) provides information about customizing the toolkit. Customizing PDF output describes common parameters.

Left Sidebar:

- DITA Open Toolkit 3.3
- Release Notes
- Installing DITA-OT
- Building output
- Authoring formats
- Output formats
- Setting parameters
- Customizing DITA-OT
- Troubleshooting
- Reference
- Resources

Footer: Search by algolia

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Who needs page numbers?

Chapter

1

Prerequisite software

The prerequisite software that DITA-OT requires depends on the types of transformations that you want to use.

Software required for core DITA-OT processing

DITA-OT requires the following software applications:

Java Runtime Environment (JRE) or Java Development Kit (JDK) DITA-OT is designed to run on Java version 8u101 or later. Compatible Java distributions are available from multiple sources:

- You can download the Oracle JRE or JDK from oracle.com/technetwork/java.
- OpenJDK is an open-source implementation of Java available from adoptopenjdk.net.
- Amazon Corretto is an OpenJDK distribution with no-cost long-term support from aws.amazon.com/corretto.

Note: This is the *only* prerequisite software that you need to install. The remaining required software is included in the distribution package.

Apache Ant Provides the standard setup and sequencing of processing steps. DITA-OT includes Ant version 1.10.5. You can download Ant from ant.apache.org.

XSLT processor Provides the main transformation services. It must be compliant with XSLT 2.0. DITA-OT includes Saxon version 9.8.0.14. You can download Saxon from saxon.sourceforge.net.

Software required for specific transformations

Depending on the type of output that you want to generate, you might need the following applications:

ICU for Java ICU for Java is a cross-platform, Unicode-based, globalization library. It includes support for comparing locale-sensitive strings; formatting dates, times, numbers, currencies, and messages; detecting text boundaries; and converting character sets. You can download ICU for Java from icu-project.org/download.

Microsoft Help Workshop Required for generating HTML help. You can download the Help Workshop from msdn.microsoft.com.

XSL-FO processor Required for generating PDF output. Apache™ FOP (Formatting Objects Processor) is included in the distribution package. You can download other versions from xmlgraphics.apache.org/fop. You can also use commercial FO processors such as Antenna House Formatter or RenderX XEP.

Part II

Alternative authoring formats

Topics:

- [Markdown content](#)
- [Preview support for Lightweight DITA](#)
- [Markdown DITA syntax reference](#)

DITA-OT[®] supports several alternative input formats in addition to standard DITA XML, including Markdown and the proposed XDITA, MDITA and HDITA authoring formats currently in development for Lightweight DITA.

Discussing DITA-OT

#DITAOT

Robert D Anderson @roban... Sep 10
We pushed some buttons, and a new #DITAOT hotfix is out. See dita-ot.org/3.3/release-no... for a list of updates!

Jarno Elovirta @jelovirt
So @robander and @infotexture released DITA-OT 3.3.4, see dita-ot.org/dev/release-no... I just pushed a couple of buttons.

Roger Sheen @infotexture Jun 26
In which we ask not (only) what your toolkit can do for you, but (also) what you can do for your toolkit.

#DITAOT

oXygen XML Editor @oxygenxml
Join us for the DITA-OT Day 6th edition - a free event dedicated to the DITA-OT project, organized in connection with, and at the same location as DITA Europe oxygenxml.com/events/2019/di... - call for proposal is now open oxygenxml.com/events/2019/di... #ditaotday

Mikhail Ostrogorskij @MOs... Jun 20
Appending the OFFO hyphenation module to DITA OT 2.5.4 is tricky. The user manual doesn't help you. To have hyphenation, append a path to your instance of fop-hyph.jar to the CLASSPATH environment variable (Windows) #ditaot #hyphenation

#ditaotday

Roger Sheen @infotexture 1d
The DITA Open Toolkit project is lucky to have contributors like @Lief_Erickson.

Glad to see that academic research @ContentGraz benefits an open source project used by so many companies worldwide.

— What can you do for your toolkit?

#DITA #ditaot #ditaotday

Lief Erickson @Lief_Erickson
The #ditaotday conference is Saturday. I'll be there to talk about the #ditaot website and findings from my @ContentGraz research.

Roger Sheen @infotexture 1d
On my way to Brussels for #DITAEurope and #ditaotday.

Looking forward to sharing a few new things this year...

twitter.com/robander/statu...

Lief Erickson @Lief_Erickson 2d
The #ditaotday conference is Saturday. I'll be there to talk about the #ditaot website and findings from my @ContentGraz research.

Questions?



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