



# Automated publishing using XML with InDesign

Duration: 2 days

**Course Synopsis:**

This class is designed specifically for graphic designers and production artists already comfortable working with Adobe InDesign that would like to learn how to automate publishing without learning a lot of scary code. XML simplifies the process of moving content in and out of your layouts and can speed up any print or web assignment. The hands-on projects covered in this class will teach you how to import and export XML.

**Who Should Attend:**

Graphic professionals who need an essential understanding of automating production work with XML using Adobe InDesign.

**Prerequisites:**

Because of the amount of material we cover in class, we do require students to be comfortable using a mouse, opening and saving files, and the general operations of computers. While we will make every reasonable effort to help, students with insufficient skills may be required to observe the class lessons or do their best to keep up without slowing down the rest of the class. We highly recommend working with the application tutorial before coming to the course.



**What You Will Learn:**

- Basics of XML Structure
- InDesign's XML Features
- Targeted XML Import
- Automating XML Tagging
- Options for Creating XML
- Anchored Objects
- Variable Data
- Pre-Built DTD Structures
- InDesign's Story Editor
- Mapping Tags to Styles
- Cross-Media Export
- Advanced CSS Styling

**Time:**

Class time is 9:00 a.m.- 4:00 p.m. Breaks are scheduled throughout the day and lunch is typically scheduled 12-1. Students provide their own lunch.

**Course Materials:**

Course materials are provided. Our goal is to make sure your class meets your objectives, not ours. Therefore, all of our outlines are treated as guides to help steer the workshop. We may change or alter course topics to best suit the classroom situation.

**Locations:**

We have company-operated facilities in Atlanta, Chicago, Denver, San Diego and Washington DC. We also work with a network of rental facilities to offer our classes regularly across the United States and in Canada. Please double-check the location of your class with our office to make sure you get to the right location.

**Related Courses:**

We recommend the following courses that relate to this class: Adobe Illustrator and Adobe Photoshop. Please take a look at our other course outlines at our web site, <http://www.ledet.com>.

**Goals:**

Sterling Ledet and Associates realizes the importance of education and we take pride in being able to offer you classes that are more custom fit to your needs. Call us at (770) 414-5007 if you have any special questions or e-mail us at [sales@ledet.com](mailto:sales@ledet.com).

**Registration:**

Please fill out our registration form and fax it to us at (312) 896-9094.

URL: <http://www.ledet.com> • Local: (770) 414-5007 • Toll Free: 1-877-819-COOL



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## LESSON PLANS

### LESSON 1

Introduction to XML  
Terms and Definitions  
Elements, Attributes, and Entities  
Well-Formed XML  
XSD, XSL, and SXML  
Learning XML Rules  
The ABCs of DTDs  
Target XML Structure  
DTD Grammar  
Reading DTD  
Finding More Information

### LESSON 2

InDesign's XML Features  
Layout View  
Importing XML  
Structure Pane Close-Up  
The Tags Panel Close-Up  
Tags vs. Structure  
Using DTDs  
InDesign's Story Editor  
InCopy

### LESSON 3

Options for Creating XML  
TextEdit and Notepad  
Creating XML in Word  
Creating XML in Excel  
Microsoft Access and XML  
Altova XMLSpy

### LESSON 4

XML Structure Basics  
One-Up Business Card Project  
XML Foundation  
Fun with the Structure Pane  
Data Integrity  
Layout Automation  
Creating Structured Layouts

Basic Document Setup  
Creating Your Own Tags  
Importing Tag Names  
Creating Structured Layout  
Testing Your Structure  
Press-Ready Documents

### LESSON 5

Anchored Objects  
Cookbook Sample Project  
Multisection XML  
Starting the Cookbook  
Send in the Clones  
Formatting the Structure

### LESSON 6

Inline and Anchored Graphics  
Atlas Sample Project  
Absolutely Graphical  
Building the Atlas Template  
Anchoring Graphics  
Creating Object Styles  
Formatting the Structure  
Creating Styles for Each Element  
Mapping Tags to Styles  
Troubleshooting with Structure

### LESSON 7

Targeted XML Import  
Targeting Multisection Structures  
Multipurpose XML Import  
Updating XML Content  
Deleting Empty Elements  
Beginning the Catalog Structure  
Editing Raw XML for Import  
Creating the Pricelist Structure  
Formatting the Structure  
Combining Multiple XML Data Files  
Importing Combined XML

### LESSON 8

Variable Data  
Direct Mail Postcard Project  
Nested XML Sub-Structures  
Creating the Postcard Structure  
Converting Objects from Inline to Anchored  
Map Tags to Styles  
Testing the Postcard

### LESSON 9

Comprehensive Export Formats  
Cross-Media Export  
Exporting Content to XML  
Optimizing Layouts to XML  
Automating XML Tagging  
Using XML Templates  
Exporting Content  
Advanced HTML/XHTML Export

### LESSON 10

XML, HTML, & CSS  
Formatting HTML  
Styling HTML with CSS  
Styling Raw XML with CSS  
Advanced CSS Styling

### LESSON 11

AJAX and XSLT  
Creating Web Pages with AJAX  
Using XSLT on Import  
Using XSLT on Export  
Advanced XSLT

### LESSON 12

Interpreting DTD Rules  
Creating DocBook Structures  
Using Pre-Built DTD Structures  
Making Existing Documents DTD Compliant