



The Fountain Green Group

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Flex 3 Essential Training - 02NYL692 - lynda.com

Product Description

Time

Flex 3 Essential Training

Approximately 8 Hours 30 Minutes

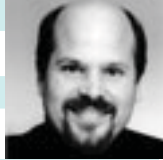
Application developers who want to create cross-platform, data-centric applications need the power of Flex 3. In Flex 3 Essential Training, Adobe Certified Instructor **David Gassner** starts with the basics of understanding Flex, its projects, and its related programming languages.

He explores the intricacies of the development platform and the Flex Builder 3 integrated development environment, then gives in-depth, hands-on tutorials on creating, designing, customizing, and publishing dynamic web and desktop applications in Flex 3.

Note: Exercise files accompany the course.



lynda.com



David Gassner

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Released on: 2/24/2008

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1. Getting Started	1:06:11
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7. Using Cascading Style Sheets (CSS)	37:11
8. Application Navigation	22:30
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10. Programming with Events	46:20
11. Using Dynamic Data	1:03:04
12. Using Data-Driven List Controls	49:17
13. Creating Data Entry Form Components	31:48
14. Deploying Flex Applications to the Web	8:12
Conclusion	0:28

Introduction

Welcome	0:48
Setting Up the Exercise Files	2:28
Understanding the Prerequisites	1:16



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1. Getting Started	
Understanding Adobe Flex 3	7:22
Installing Flex Builder on Windows	5:23
Installing Flex Builder on Mac OS X	4:45
Starting Flex Builder	3:10
Creating a Flex Project	6:16
Touring through Flex Builder 3	13:15
Building a Basic Application	6:49
Understanding the Anatomy of an MXML Application	7:58
Understanding Flex Application Output Files	7:23
Importing and Exporting Projects	3:50
2. Programming Languages	
Understanding Flex Programming Languages	7:20
Translating MXML to ActionScript	9:38
Understanding the Flex Framework	3:33
Getting Language and API Help	5:50
3. Using Visual Controls	
Understanding Visual Controls	2:46
Displaying Text with the Label and Text Controls	8:27
Using Text Data Entry Controls	11:30
Using Binding Expressions	7:44
Formatting Data	8:37
Presenting images	9:39
4. Using Custom Components	
Creating Custom Components	4:32
Instantiating Custom Components in MXML	4:54
Instantiating Custom Components in ActionScript	5:26
Declaring Component Properties	6:05
Declaring Component Methods	5:28
5. Using Design View	
Understanding Design View	3:27
Using the Components View	3:49
Using the Flex Properties View	4:29
Navigating the Design Area	5:59
Creating View States	5:44
Changing View States at Runtime	3:34



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Product Description	Time
6. Application Layout	
Understanding Containers	1:56
Using the VBox, HBox, and Canvas Containers	8:07
Using the Panel and Control Bar Containers	7:25
Laying Out the Photo Album Application	5:41
Using the Tile Container	4:50
Using Constraint-Based Layout	7:23
7. Using Cascading Style Sheets (CSS)	
Understanding Cascading Style Sheets (CSS)	5:35
Using Embedded Style Sheets	4:03
Understanding Style Selectors	8:00
Using External Style Sheets	7:25
Applying Styles to the Photo Album Application	6:19
Embedding Fonts	4:48
8. Application Navigation	
Using the ViewStack Container	3:02
Creating Programmatic Navigation with ActionScript	3:43
Using Navigation Bar Containers	6:35
Using the TabNavigator and Accordion Containers	3:28
Creating Navigation in the Photo Album Application	5:49
9. Debugging	
Understanding the Debugging Perspective	2:43
Tracing Application Execution	6:24
Using Breakpoints	5:26
Watching Variables and Expressions	8:54
10. Programming with Events	
Understanding the Flex Event Architecture	5:34
Using MXML Attribute-Based Event listeners	4:06
Understanding Event Objects	8:43
Creating Event listeners with addEventListener()	7:05
Dispatching Events from Custom Components	6:22
Handling Events from Custom Components	4:13
Creating and Using Custom Event Classes	5:33
Dispatching and Handling Custom Events	4:44



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Product Description	Time
11. Using Dynamic Data	
Loading XML Data with HTTPService	9:23
Handling HTTPService Result Events	7:22
Handling HTTPService Fault Events	6:41
Installing Apache, PHP, and MySQL on Windows	6:44
Installing Apache, PHP, and MySQL on Mac OS X	5:26
Creating a Sample Database	2:51
Creating a Flex Project for Use with PHP	3:21
Generating a Dynamic Flex / PHP Application	5:44
Reviewing Generated PHP Code	3:25
Using a Dynamic XML Based Service	5:28
Using a Repeater to Display Dynamic Data	6:39
12. Using Data-Driven List Controls	
Using List-Based Controls	5:26
Using the labelField Property	3:26
Using the labelFunction Property	6:17
Creating Custom Item Renderers	5:17
Using Component item Renderers	4:50
Using the TileList in the Photo Album Application	6:54
Using the DataGrid Control	6:30
Using Advanced DataGrid Cell Rendering	5:22
Working with List Control Events and Properties	4:58
13. Creating Data Entry Form Components	
Building a Form Component	6:40
Validating Data Entry Controls	9:52
Packaging Data with a Value Object Class	4:23
Sharing Data with Custom Events	4:38
Sending Data to the Server	5:45
14. Deploying Flex Applications to the Web	
Exporting a Release Build	2:56
Using the View Source Feature	5:16
Conclusion	
Goodbye	0:28