



On3, Inc.
Mentoring
Consulting
Training

110 16th Street
Suite 604
Denver, CO 80202

2009 & 2010 On3 Instructor Led Training Schedule

Enroll Today: 877.885.7044



Flex 3: Developing Rich Client Applications*

Course Length: 3 days

Tuition: \$1,495.00

Time: 9:00 a.m. - 5:00 p.m.

2009 Dates: Sept. 21-23, Oct. 12-14, Oct. 26-28, Nov. 16-18, Nov. 30 - Dec. 2

2010 Dates: Jan. 11-13, Jan. 25-27-, Feb. 8-10, Feb. 22-24, March 8-10, March 22-24, April 5-7, April 19-21, May 3-5, May 17-19, June 7-9, June 21-23

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This course is designed for application developers who want to bring the power of Rich Internet Applications to their web applications. To gain the most from this class, you should be familiar with an object oriented programming language such as Java or C++ and be familiar with XML terminology.

Course Description: "Flex 3: Developing Rich Internet Client Applications" provides experienced application developers with hands-on, practical experience using Flex. This three day course introduces developers to all the primary features of Flex they'll need to know in order to build a fully functional, well architected front-end for a Rich Internet Application (RIA). [Course outline.](#)

Flex 3 and LiveCycle Data Services: Integrating with Data and Messaging*

Course Length: 2 days

Tuition: \$995.00

Time: 9:00 a.m. – 5:00 p.m.

2009 Dates: Sept. 24-25, Oct. 15-16, Oct. 29-30, Nov. 19-20, Dec. 3-4

2010 Dates: Jan. 14-15, Feb. 25-26, April 8-9, May 20-21

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This course is designed for application developers who want to connect their Flex front-ends to dynamic data. To gain the most from this class, you should have attended the "Flex 3: Developing Rich Client Applications" course or have equivalent knowledge of the topics covered in F3RCA.

Course Description: "Flex 3 and LiveCycle Data Services: Integrating with Data and Messaging" provides experienced application developers with hands-on, practical experience connecting their Flex client applications to remote, dynamic data using LiveCycle Data Services. This two-day course instructs developers how to connect with remote data using web services and LiveCycle Data Services' features allowing communication with a Java-based server environment. In addition, developers will learn how to manipulate and format the returned data. [Course outline.](#)



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Flex 3 and LiveCycle Data Services: Integrating with ColdFusion*

- Course Length:** 2 days
Tuition: \$995.00
Time: 9:00 a.m. – 5:00 p.m.
2009 Dates: Sept. 24-25, Oct. 15-16, Oct. 29-30, Nov. 19-20, Dec. 3-4
2010 Dates: Jan. 28-29, March 11-12, April 22-23, June 10-11
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisites: This course is designed for application developers who want to connect their Flex front-ends to dynamic data. To gain the most from this class, you should have attended the “Flex 3: Developing Rich Client Applications” course or have equivalent knowledge of the topics covered in that course.

Course Description: “Flex 3 and LiveCycle Data Services: Integrating with ColdFusion 8” provides experienced application developers with hands-on, practical experience connecting their Flex front-ends to remote, dynamic data using LiveCycle Data Services. This two-day course instructs developers how to connect with remote data using web services and LiveCycle Data Services’ features allowing communication with a ColdFusion back-end. In addition, developers will learn how to manipulate and format the returned data. [Course outline.](#)

Flex 3 and LiveCycle Data Services: Integrating with Blaze DS

- Course Length:** 2 days
Tuition: \$995.00
Time: 9:00 a.m. – 5:00 p.m.
2009 Dates: Call / 4 Student Minimum
2010 Dates: Feb. 11-12, March 25-26, May 6 -7, June 24 -25
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisite: This instructor-led training course is designed for application developers who want to connect their Flex front ends to dynamic data. To gain the most from this class, you should have attended the Flex 3: Developing Rich Client Applications course and have equivalent knowledge of the topics covered in Flex 3: RCA class.

Course Description:

Flex 3 and BlazeDS: Integrating with Data and Messaging provides experienced application developers with hands-on training as well as practical experience connecting their Flex client applications to remote, dynamic data using BlazeDS. This two day instructor-led training course instructs developers how to connect with remote data using web services and BlazeDS’ features allowing communication with a Java-based server environment. In addition, skills will be learned during the training such as how to manipulate and format the returned data. [Course outline.](#)



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Flex 3: Developing ColdFusion 8-Enabled Rich Internet Applications

Course Length: 5 days

Tuition: \$2,295.00

Time: 9:00 a.m. – 5:00 p.m.

2009 Dates: Sept. 21-25, Oct. 12-16, Oct. 26-30, Nov. 16-20, Nov. 30 - Dec. 4

2010 Dates: Jan. 25-29, March 8-12, April 19-23, June 7-11

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This training course is designed for application developers who want to bring the power of Rich Internet Applications to their web applications. To gain the most from this class, you should be familiar with an object oriented programming language such as Java or C++, and be familiar with XML terminology.

Course Description: On3's instructor-led training class bundle "Flex 3: Developing ColdFusion 8--Enabled Rich Internet Applications" is a combination of two courses:

Flex 3: Developing Rich Client Applications (3 days)

Flex 3 and LiveCycle Data Services: Integrating with ColdFusion 8 (2 Days)

This five day training course introduces developers to all the primary features of Flex they'll need to know in order to build a fully functional, well architected front end for a ColdFusion 8 Enabled Rich Internet Application (RIA). Students who take this training will also gain hands-on, practical experience connecting their Flex client applications to remote, dynamic data using LiveCycle Data Services and ColdFusion. During the training class hands-on labs, you will connect with remote data using web services and LiveCycle Data Services' features allowing communication with a ColdFusion 8 enabled server environment. In addition, skills will be learned how to manipulate and format the returned data. [Course outline.](#)



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Flex 3: Developing Rich Internet Applications*

Course Length: 5 days

Tuition: \$2,295.00

Time: 9:00 a.m. – 5:00 p.m.

2009 Dates: Sept. 21-25, Oct. 12-16, Oct. 26-30, Nov. 16-20, Nov. 30 - Dec. 4

2010 Dates: Jan. 11-15, Feb. 22-26, April 5-9, May 17-21

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This course is designed for application developers who want to bring the power of Rich Internet Applications to their web applications. To gain the most from this class, you should be familiar with an object oriented programming language such as Java or C++, and be familiar with XML terminology.

Course Description: On3's instructor-led training class bundle "Flex 3: Developing Rich Internet Applications" is a combination of two courses:

Flex 3: Developing Rich Client Applications (3 days)

Flex 3 and LiveCycle Data Services: Integrating with Data and Messaging or Integrating with ColdFusion (2 days)

This five-day course introduces developers to all the primary features of Flex that they will need to know in order to build a fully functional, well architected front-end for a Rich Internet Application (RIA). Students will also gain hands-on, practical experience connecting their Flex client applications to remote, dynamic data using LiveCycle Data Services. You will connect with remote data using web services and LiveCycle Data Services' features allowing communication with a Java based server environment. In addition, skills will be learned how to manipulate and format the returned data. [Course outline](#)

Flex 3: Introducing Cairngorm

Course Length: ½ day / 4 hours

Tuition: \$245.00

Time: 9:00 a.m. – 12:30 p.m.

2009 Dates: Oct. 2, Dec. 17

2010 Dates: Call / 4 Student Minimum

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This course is designed to introduce the core concepts behind the Cairngorm RIA micro-architecture to experienced developers who are new to Adobe Flex 3. To gain the most from this class, you should have already taken the "Flex 3: Rich Client Applications" training course, or have equivalent experience using MXML and ActionScript 3, and be familiar with basic Object Oriented Programming in ActionScript 3.

Course Description: "Flex 3: Introducing Cairngorm" surveys the core concepts behind the Cairngorm RIA micro-architecture by re-factoring the application taught and built in the Flex 3: Rich Client Applications training course. [Course outline.](#)



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Flex 3: Architecting Applications with Cairngorm

Course Length: 1 day

Tuition: \$495.00

Time: 9:00 a.m. – 5:00 p.m.

2009 Dates: Oct. 23, Dec. 18

2010 Dates: Call / 4 Student Minimum

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This course is designed to teach experienced Adobe Flex developers how to implement the Cairngorm RIA micro-architecture. To gain the most from this class, you should be thoroughly familiar with MXML and ActionScript 3, be experienced with Object Oriented Programming in ActionScript 3, and be familiar with design pattern oriented programming.

Course Description: “Flex 3: Architecting Applications with Cairngorm” is designed to thoroughly introduce the core concepts behind and standard implementations used within the Cairngorm RIA micro-architecture.

[Course outline.](#)

Flex 3: Using ActionScript 3

Course Length: 1 day

Tuition: \$495.00

Time: 9:00 a.m. – 5:00 p.m.

2009 Dates: Oct. 1, Dec. 16

2010 Dates: March 4, June 17

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This course is designed to comprehensively introduce the ActionScript 3 programming language. To gain the most from this class, you should have already attended the “Flex 3: Rich Client Applications” training course, or have equivalent experience with using MXML in Adobe Flex 3, and be familiar with using Adobe Flex Builder 3.

Course Description: “Flex 3: ActionScript 3” is a comprehensive introduction to the ActionScript 3 scripting language, taught in context of Adobe Flex 3. Beginning with simple declarative statements and core syntax, and moving through control and data structures, by course completion you will have learned intermediate Object Oriented Programming, including static classes and interfaces. [Course outline.](#)



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Flex 3: Extending and Styling Components*

- Course Length:** 2 days
Tuition: \$995.00
Time: 9:00 a.m. – 5:00 p.m.
2009 Dates: Oct. 21-22, Dec. 9-10
2010 Dates: Feb. 18-19, May 10-11
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisites: To gain the most from this advanced class, you should have attended the “Flex 3: Developing Rich Client Applications” course or have equivalent knowledge of the topics covered in that course. This course targets experienced Adobe Flex developers who: want to use the built-in Flex components as a basis for their own custom component development; want to incorporate interactive, position- and size-aware elements into their applications; need to skin Flex applications to meet corporate marketing demands.

Course Description: In the “Flex 3: Extending and Styling Components” course, students will use their object-oriented skills to create custom classes that programmatically draw skins and extend the functionality of built-in Flex classes. Experienced Flex developers will have an opportunity to explore hands-on, practical code examples for creating drag-and-drop user interfaces that also incorporate user-triggered transitions and smart components that resize based on available space. Other learning objectives include creating popups, embedding fonts, implementing custom application look-and-feel and positioning stage- and mouse-aware elements. [Course outline.](#)

Flex 3: Building Charting and Dashboard Applications

- Course Length:** 2 days
Tuition: \$995.00
Time: 9:00 a.m. – 5:00 p.m.
2009 Dates: Oct. 19-20, Dec. 7-8
2010 Dates: Feb. 16-17, May 12-13
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisites: This course is designed for application developers who want to build dashboard applications. To gain the most from this class, you should have attended the “Flex 3: Developing Rich Client Applications” course or have equivalent knowledge of the topics covered in that course.

Course Description: “Flex 3: Building Dashboard Applications” provides developers with the knowledge needed to use Flex 3 charts to create highly interactive dashboards for data visualization. By the end of the course, developers will be able to create interactive dashboards by leveraging the Flex 3 framework and the Flex 3 charting components. They will learn about using, formatting and styling Flex 3 charts as well as creating interactive charts and dynamically controlling chart data. Developers will also have the opportunity to discuss conceptual topics for dashboard creation and usability. You should take this course if you are a Flex programmer who needs to provide data visualization in your Flex applications. [Course outline.](#)



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AIR: Building Desktop Applications with Flex 3*

Course Length: 2 days

Tuition: \$995.00

Time: 9:00 a.m. – 5:00 p.m.

2009 Dates: Sept. 17-18

2010 Dates: Jan. 19-20, April 12-13

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisite: "Flex 3: Developing Rich Client Applications" course, or equivalent experience developing Flex applications.

Course Description: This course is designed to equip experienced Adobe® Flex™ developers with the skills needed to begin developing robust desktop applications using Adobe AIR™. [Course Outline.](#)

*Recommended courses before attempting to take certification exam.



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Fast Track to ColdFusion 8*

- Course Length:** 3 days
Tuition: \$1,495
Time: 9:00 a.m. – 5:00 p.m.
2009 Dates: Sept. 28-30, Oct. 19-21, Nov. 2-4, Nov. 23-25, Dec. 28-30
2010 Dates: Jan. 4-6, March 1-3, April 14-16, May 24-26
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisites: Students should have a familiarity with Web terminology, an understanding of Web server characteristics, experience with the HTML tag set and syntax, and familiarity with the SQL command set, including SELECT, INSERT, UPDATE, and DELETE.

Course Description “Fast Track to ColdFusion 8” is a 3-day course that provides experienced Web developers with the knowledge and hands-on practice they need to start building and maintaining dynamic and interactive Web applications using ColdFusion 8. [Course outline.](#)

Advanced ColdFusion 8 Development*

- Course Length:** 3 days
Tuition: \$1,495
Time: 9:00 a.m. – 5:00 p.m.
2009 Dates: Sept. 14-16, Nov. 9-11
2010 Dates: March 15-17, June 14-16
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisites: This course is for developers with prior ColdFusion experience. To take this course, you should have: Completed the Fast Track to ColdFusion 8 course, or other equivalent experience building ColdFusion applications; Experience developing web applications using ColdFusion for at least three months upon completion of the Fast Track to ColdFusion 8 course; Practical experience using CFML tags, functions, and variables; Practical experience with the SQL command set, including SELECT, INSERT, and UPDATE.

Course Description: “Advanced ColdFusion 8 Development” provides ColdFusion application developers with the knowledge and hands-on practice that they need to build, maintain, and scale effective web applications. Topics include using the Application Framework, manipulating complex data in arrays and structures, structuring your code with ColdFusion Components, gracefully handling errors and exceptions, encapsulating your user-interface with custom tags, creating and consuming web services, leveraging .NET assemblies, creating and manipulating PDF content, and working with highly interactive interfaces using Adobe Livecycle forms. This course focuses on creating and delivering scalable and well-performing applications. [Course outline.](#)

*Recommended courses before attempting to take certification exam.



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Flash Media Server 3: Streaming Media Application Development

Course Length: 3 days

Tuition: \$1,595

Time: 9:00 a.m. – 5:00 p.m.

Dates: Call / 4 student minimum

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This course is for experienced ActionScript 3 programmers who want to deliver Streaming Media Applications with Flash Media Server 3. To gain the most from this class, you should: Be comfortable using the Flash CS3 Professional authoring environment; Have knowledge of basic programming constructs including loops, functions and objects; Be familiar with basic ActionScript 3 concepts.

Course Description: “Flash Media Server 3: Application Development” provides experienced Flash developers with the knowledge and hands-on practice they need to build and deliver Streaming and Social Media applications with Flash Media Server 3. This course focuses on teaching students the Server Side ActionScript, ActionScript 3 and Flash CS3 skills required to build real-world rich media applications with audio, video, and data that interact dynamically with the user. [Course outline.](#)

Flash Media Server 3: Large Scale Deployment

Course Length: 3 days

Tuition: \$1,595

Time: 9:00 a.m. – 5:00 p.m.

Dates: Call / 4 student minimum

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: This class is meant to be taken by experienced network engineers or server administrators who are planning to deploy a large scale FMS network. To get the most out of this course, student should: Read and understand the whitepaper available from www.adobe.com: Planning for a Large Scale Deployment with Flash Media Server 3; Have a basic understanding of network technologies and protocols; Have familiarity with the Windows and/or Linux operating system

Course Description: “Flash Media Server 3: Large Scale Deployment” has been designed to teach you how to plan, deploy, administer, test and monitor a large scale FMS network. The course provides guidance and best practice recommendations and is intended to supplement the documentation and other available resources. This course will help new CDNs and other customers who are planning large scale FMS deployments to decrease their time to market and be successful faster. [Course outline.](#)



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FlashLite 3.0: Mobile Application Development

Course Length: 3 days

Tuition: \$1,495

Time: 9:00 a.m. – 5:00 p.m.

Dates: Call / 4 student minimum

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: To be fully prepared to understand all the learning points in this course you must come in with knowledge of mobile terminology, and a scripting language. You are not required to have any knowledge of authoring Flash applications or development in other mobile technology.

Course Description: “FlashLite 3.0: Mobile Application Development” provides students the knowledge and hands-on practice they need to produce and deliver high-quality animations, interfaces, games and applications and video specifically designed to take advantage of mobile device capabilities. The course allows a developer with no Flash experience to quickly start improving their mobile workflow using FlashLite, and to develop applications much faster than with other technologies. The course is task based, with students learning by actually building these applications. The course focuses on mobile best practices and students will learn how to build applications that run efficiently on lower powered mobile devices.

[Course outline.](#)



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LiveCycle ES: Building Applications

Course Length: 4 days
Tuition: \$1,995
Time: 9:00 a.m. – 5:00 p.m.
Dates: Call / 4 student minimum
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisites: This course is for anyone with a programming background. The learner should: Be familiar with basic programming concepts, processes and constructs; Have a basic understanding of XML terminology and structure; be familiar with building forms using Adobe LiveCycle Designer or the Workbench.

Course Description: Adobe LiveCycle ES: Building Applications provides developers the skills needed to utilize solution components in building LiveCycle ES applications. The course gives developers hands on experience in creating, deploying, testing and administering processes. [Course outline.](#)

LiveCycle ES: Designing Forms

Course Length: 2 days
Tuition: \$995
Time: 9:00 a.m. – 5:00 p.m.
Dates: Call / 4 student minimum
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202
Prerequisites: None

Course Description: This course introduces and teaches, in detail, techniques for developing print and interactive forms using Adobe LiveCycle Designer ES. Through significant amounts of thoroughly guided hands-on practice, by the end of the course you will know how to create static and interactive forms which include input validation, localized fields, and accessibility information. [Course outline.](#)



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LiveCycle ES: Developing Forms

Course Length: 2 days

Tuition: \$995

Time: 9:00 a.m. – 5:00 p.m.

Dates: Call / 4 student minimum

Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Prerequisites: Experience with XML and Javascript helpful.

Course Description: This course introduces and teaches, in detail, techniques for developing forms for data capture and data display using Adobe LiveCycle Designer ES. Through significant amounts of thoroughly guided hands-on practice, by the end of the course you will know how to create static as well dynamic, interactive, data-bound forms including input validation, localized fields, accessibility information, embedded barcodes, and simple through advanced scripted interactions. [Course outline.](#)



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Using Adobe Acrobat Connect Professional 7

Course Length: 3 days
Tuition: \$1,495.00
Time: 9:00 a.m. – 5:00 p.m.
Dates: Call / 4 student minimum
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Course description: This course is for people who plan on creating and hosting Adobe Acrobat Connect Pro meetings. In this instructor-led training, students will learn how to create and host an Adobe Acrobat Connect Pro meeting, and will cover topics including scheduling meetings; displaying content in meetings; using audio and video during meetings; customizing the meeting room; interacting with participants; recording, editing, and downloading meetings, using breakout rooms, using the Outlook Add-In, administrating an Acrobat Connect Pro account; and creating and managing Adobe Connect Events. In addition to teaching methodology, the course focuses strongly on best practices for hosting meetings and managing associated content. The course also includes optional content for recording a demonstration and interactive simulation using the Adobe Captivate application. [Course outline.](#)



Using Adobe Presenter 7

Course Length: 2 days
Tuition: \$995.00
Time: 9:00 a.m. – 5:00 p.m.
Dates: Nov. 12-13, 2009
Location: On3 Training Center, 110 16th Street, Suite 604, Denver, CO 80202

Course Description: This course is for people who want to create and manage Adobe Presenter presentations. In this instructor-led training, students will learn how to create Adobe Presenter presentations, and will cover topics including recording and editing slide narration; publishing locally, to PDF, and to the Adobe Acrobat Connect Pro Server; adding quizzes, animations, links, files, Flash content, and importing and recording audio and video to a presentation; managing presentations; and customizing presentations. The course includes content which teaches students how to create and manage training courses, virtual classrooms, training curriculums, and events. The course also includes optional content for recording a demonstration and interactive simulation using the Adobe Captivate application. [Course outline.](#)