

## Learning Resources

- [Flex DevNet](#) – Flex Developer Network. This has a lot of very useful articles on various areas in Flex
- [AIR DevNet](#) – AIR Developer Network. This has a lot of useful articles on various areas in AIR
- [Flex 3 Developer Guide](#) – This resource rocks. This can be used to learn both Flex & AIR.
- [Flex 3 Language Reference](#) – The JavaDocs style API reference
- [learn.adobe.com](#) - Welcome to the Adobe Learning Resources wiki for Flex
- [Flex Community Search](#) – Search that encompasses all adobe materials and also other places like blogs, communities...etc [extremely useful – A must bookmark site]
- [Flex Interface Guide](#) – A series on designing RIAs for the Adobe Flex platform.
- [Using the Cairngorm MVC Pattern to develop Flex Applications](#)
- [RIAForge](#) - Open Source community projects & frameworks built on Adobe technology
- [Learning Flex From Scratch](#) – A blog series by O'Reilly.

## Frameworks

- [AS3 Corelib](#) - The corelib project is an ActionScript 3 Library that contains a number of classes and utilities including MD5 and SHA 1 hashing, Image encoders, JSON serialization, String, Number and Date APIs.
- [AS3 Crypto](#) - As3 Crypto is a cryptography library written in Actionscript 3 that provides several common algorithms
- [FlexUnit](#) - FlexUnit is a unit testing framework for Flex and ActionScript 3.0 applications. It mimics the functionality of JUnit, and comes with a graphical test runner

## Blogs

- [Doug McCune](#) – Doug has some very cool components available on his blog.
- [Alex Harui](#) – A blog from a man whose code makes a large part of the Flex framework.
- [Ely Greenfield](#) – Flex Superstar. He has written a lot of awesome Flex controls that you can use, like [DisplayShelf](#), [FishEye](#), [Drilldown Charts](#), [FlexBook](#), [Random Walk](#)...etc
- [Christophe Coenrates](#) – BlazeDS, LCDS Guru. He has a lot of examples on his blog pertaining to data-push, collaboration etc.
- [Sreenivas Ramaswamy](#) – OLAP & Advanced DataGrid tricks
- [Scalenine.com](#) – Amazing resource for all skinning stuff
- [Flex Examples](#) – A great place to search even the simplest things in Flex

## Community

- [Flex.org](#)
- [Adobe Community](#) - Gateway to Adobe Labs wiki and forums which not only allows you to interact with Adobe development teams, but also lets you interact with like minded developers who are pushing the boundaries of what is possible with Flex.
- [FlexCoders Yahoo Group](#) - A highly popular and active community with more than 8700 members
- [Flex India Community](#) is the meeting place of brilliant Flex developers in India with about a 1000 members (and still growing).

## Other

- **BlazeDS** - BlazeDS is the server-based Java remoting and web messaging technology that enables developers to easily connect to back-end distributed data and push data in real-time to Adobe® Flex® and Adobe AIR™ applications for more responsive rich Internet application (RIA) experiences. The following links can get you started with BlazeDS
  - [BlazeDS Project Page on opensource.adobe.com](#)
  - [BlazeDS Developer Documentation](#)
  - [BlazeDS Developer Guide](#) [PDF] - This is the complete guide to BlazeDS, complete with configuration/deployment instructions, Flex code samples to connect to back-ends... etc. This dev-guide also has the examples on how to use **RemoteObject** class in Flex to connect to Java classes at the backend.
- **Live Cycle Data Services (LCDS)** – Part of the Live Cycle Enterprise Suite, LCDS is the core product of which a part of the functionality is open-sourced under BlazeDS. LCDS enables collaboration, offline Adobe AIR™, and real-time data streaming applications to be built in a scalable, reliable manner with robust publish and subscribe messaging. It also provides seamless data management for applications with high-data transaction/paging needs. It can also be used for generate PDF documents based on pre-authored templates from RIAs that include graphical assets such as graphs and charts. Follow the links to know more:
  - [LiveCycle Data Services ES features and benefits](#)
  - [Live Cycle Developer Network](#) – You might see articles pertaining to all aspects of Live Cycle product line including LCDS here
  - [LiveCycle infrastructure selection and deployment technical guide](#)
  - [LCDS Developer Guide](#) [PDF]
  - A very useful blog post by one of our evangelists on the [feature comparison between BlazeDS & LCDS](#)