

New Features in Flex 3 and AIR

FusionLink

New Features in Flex 3 and AIR

What are we covering:

- New Flex 3 features
 - AdvanceDataGrid
 - Graphing
 - Memory and Performance Profiling
 - Persistent Framework Caching
 - Adobe Integrated Runtime (AIR), Apollo

Bonus Items:

- Refactoring
- FlexModule

New Features in Flex 3 and AIR

Advanced DataGrid

`<mx:AdvancedDataGrid.../>`


- Sorting multiple columns
- Styling features
- Grouping columns with either AS or MXML
- Summary Information

New Features in Flex 3 and AIR

Graphing Features
-View demos

New Features in Flex 3 and AIR

Memory and Performance Monitoring

- Live Object Panel
- Memory Snapshot 
- Allocation Trace Panel
- Performance Snapshots
- Method Statistics

New Features in Flex 3 and AIR

Persistent Framework Caching

- use the Flex 3 runtime shared libraries (RSLs)
- can reduce the size of your Flex apps
- Two types of RSLs
 - signed (.sgn)
 - cached in Flash Player
 - shared across all Flex applications
 - unsigned (.swf)
 - cached in browser
 - only shared for your application

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Persistent Framework Caching

Two ways to implement

- Command Line

- runtime-shared-library-path option

- Flex 3 builder

- modify project properties

- add RSL information on the library path

New Features in Flex 3 and AIR

Adobe Integrated Runtime (AIR)

- the first beta was called Apollo
- cross-operating system runtime (Win / OS X)
- allows web development to deploy on the desktop
- AIR apps load onto the desktop like any other application.
- To install AIR applications
 - the client first needs Adobe AIR
 - <http://labs.adobe.com/go/getair>

New Features in Flex 3 and AIR

Adobe Integrated Runtime (AIR)

- You don't have to use Flash/Flex to build AIR applications

- AIR also supports

- HTML

- XML

- CSS

- JavaScript

- AJAX

New Features in Flex 3 and AIR

Adobe Integrated Runtime (AIR)

- Can AIR apps talk to each other?

Yes, with LocalConnection ActionScript API

- Can AIR talk to databases?

There's no built in support but it is possible to write Database drivers in ActionScript leveraging binary and XML sockets. AIR does have SQLite embedded in the player.

-www.sqlite.org

New Features in Flex 3 and AIR

Adobe Integrated Runtime (AIR)

Some of the features in AIR

- File I/O
- Online / Offline
- Windowing
- Clipboard
- System Drag and Drop
- Full Network API support
- Local Storage / Settings

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Refactoring tool found in Flex Builder 3

New Features in Flex 3 and AIR

FlexModule for Apache and IIS