

*Experts
in Adobe®
Flex™ & Air™*



Rapid Development of Rich CRUD Internet Applications

Yakov Fain
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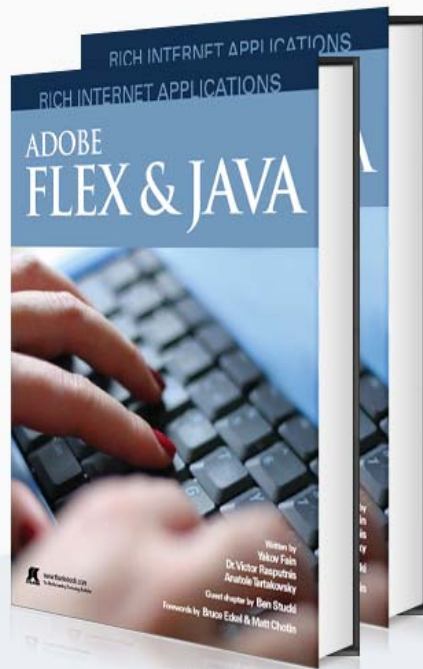


MyFlex.org
FarataSystems.com

Farata Systems: Quick Intro

FARATA SYSTEMS

- Flex Experts for Your Next Project
- Tools to Turn Your Application into to RAD Project
- Certified Trainers to Raise Your Flex Talent



www.theriabook.com

CLEAR BI

The Only RIA Solution for Enterprise Reporting

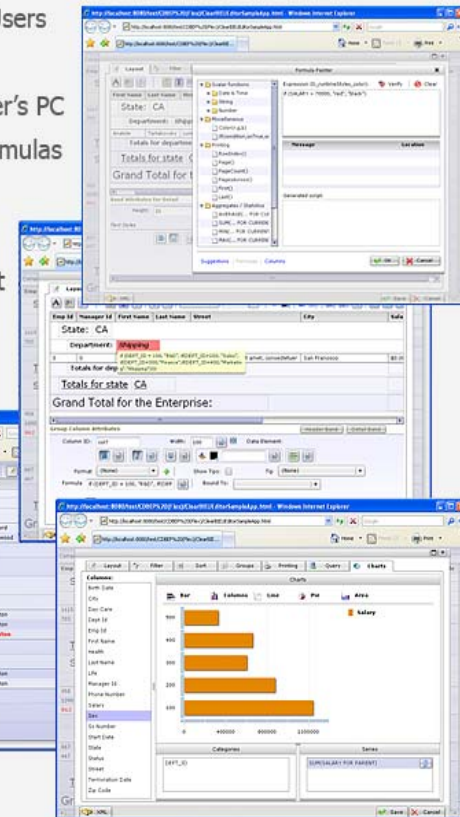
- Controlled by the Business Users
- Targeted for the Business Users
- Displayed by Flash Player
- Zero Installation on the User's PC
- Allows adding Excel-like formulas
- Users Create Groupings
- Users Modify Presentation
- Prints reports in PDF format
- Exports to Microsoft Excel
- Persist and share reports

| Emp ID | Manager ID | First Name | Last Name | Street | Salary | City |
|---------------------------------------|------------|------------|-----------|-----------------------|-------------|--------------------|
| 1411 | 103 | Shane | Bowers | 3 Oakview Terrace | \$17,300.00 | Bedford |
| 753 | 902 | Steve | Hayward | 221 Washington Street | \$1,000.00 | Waltham |
| Totals for department Shipping | | | | | | \$3200.00 |
| Totals for state MA | | | | | | \$3,182,510 |

| Emp ID | Manager ID | First Name | Last Name | Street | Salary | City |
|----------------------------------|------------|------------|-----------|-------------------|-------------|------------------|
| 959 | 505 | Thomas | Seaton | 54 School Street | \$41,100.00 | Houston |
| 1980 | 1002 | Joseph | Smith | 117 Wilson Street | \$14,000.00 | Houston |
| 842 | 841 | Julia | Waltfield | 41 Bellview Drive | \$97,100.00 | Houston |
| Totals for department ASO | | | | | | \$181,100 |

| Emp ID | Manager ID | First Name | Last Name | Street | Salary | City |
|--|------------|------------|------------|-------------------|-------------|--------------------|
| 442 | 902 | Steve | Garvin | 90 Paris Street | \$10,000.00 | Houston |
| 441 | 902 | James | Altschuler | 28 Carling Street | \$45,000.00 | Houston |
| Totals for department Sales | | | | | | \$69,000 |
| Totals for state TX | | | | | | \$270,711 |
| Grand Total for the Enterprise: | | | | | | \$3,727,511 |

www.myflex.org



Upcoming book with O'Reilly: "Enterprise Application Development with Flex"

Clear Toolkit 3.0

Library of Components

Clear Data
Builder

DTO2Fx

Log4Fx

Fx2Ant

ClearBI Reporter

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Clear Toolkit a set of **free** Eclipse plugins and tools, which increases the productivity of developers working on Java/Flex projects.

Clear Toolkit 3.0 Includes...

- **clear.swc** is a library of enriched Flex components like super grid, data-aware components, et al.
- **Clear Data Builder** is an Eclipse plugin that automatically generates Flex and Java code for CRUD applications. It offers data synchronization functionality via open source BlazeDS from Adobe.
- **Fx2Ant** plugin automates creation of ANT build scripts
- **Log4Fx** plugin is an advanced logger
- **DTO2Fx** plugin auto-generates AS3 classes from Java DTOs
- **ClearBI** is a Web reporting tool for smaller business.

Clear Toolkit 3.0

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Clear Data Builder 3.0

is an Eclipse plugin that allows to generate CRUD applications for BlazeDS or LCDS based on an SQL statement or a Java data transfer object.

1. Create a Dynamic Web Project in Eclipse JEE edition
2. Configure Web server and JDBC database driver using CDB plugin
3. Write a simple Java class with a method annotated with SQL
4. Rebuild the project. CDB will generate the rest of the Java and Flex code
5. Start the auto-generated test Flex application with CRUD functionality

See the pre-recorded demo “Cooking CRUD with Flex and BlazeDS” at

<http://flexblog.faratasystems.com/?p=322>

Live Demo

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Log4Fx is an advanced logger built on top of Flex logging API. It makes the logging process more flexible and user friendly.

Add logging capabilities to your application with a single click.

Log4Fx provides hierarchical view of the application classes configured for logging and easy targets configuration

Send the log output to a remote computer in production mode when needed

See pre-recorded demo of one of the Log4Fx features at

<http://www.myflex.org/demos/logger/logger.html>

Live Demo

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Fx2Ant plugin
generates optimized
ANT build scripts for
Flex Builder projects.

Just right-click on your Flex Builder project and select the menu item *Generate Build Files*

Within several seconds you'll see a number of generated xml files, that include the build ANT file generated based on the current settings of your project.

See pre-recorded demo of Fx2Ant at

<http://www.myflex.org/demos/fx2ant/fx2ant.html>

Live Demo

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DTO2Fx is an Eclipse plugin that automatically generates ActionScript classes based on their Java peers.

1. Write your Java DTO class and add to it one-line annotation `@FXClass`
2. Recompile the class.

Two ActionScript classes will be generated:

- the base class is regenerated on each change of its Java peer.
- the subclass is never regenerated - add your custom code there

See pre-recorded demo of DTO2Fx at

<http://www.myflex.org/demos/dto2fx/dto2fx.html>

Live Demo

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ClearBI Reporter

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ClearBI is a Web reporter for smaller businesses.

It includes an AIR-based report designer and flexible report generator that can be used by IT personnel as well as end users.

Contact Info

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Web sites:

<http://www.faratasystems.com>

<http://flexblog.faratasystems.com>

<http://www.myflex.org>

