

CFML in a Competitive Open Source Market



cf.Objective() 2012

May 19, 2012

Daria Norris

Who am I?

- 15+ yrs ColdFusion
- 12 yrs as an independent contractor
- Currently working for Free Library of **Philadelphia**
- CodeBass Radio**



History of the library software industry



SirsiDynix[®]

- Closed Systems

- 15 Year Commitment

Library Software Manifesto



Library systems expected to support millions of transactions

72,000

Number of libraries
represented worldwide.

1,807,364,668

Number of holdings.

170

Countries and
territories with
library holdings
in WorldCat.

Every 10 seconds

How often a record is
added.

Over 470

Number of languages
and dialects
represented.

Every 4
seconds

How often a
request is filled
thru WorldCat
Resource
Sharing.

Every second

How often WorldCat is
searched via First Search.

258,039,000

Number of bibliographic
records.



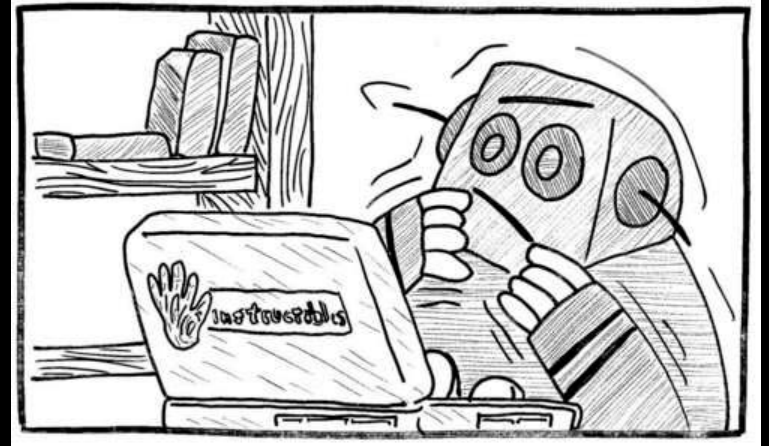
<http://www.oclc.org/ca/en/worldcat/statistics/default.htm>

► Images and statistics courtesy OCLC, All Rights Reserved.

The Typical Library



What to do?



WHEN YOU DON'T KNOW
WHAT TO DO,
WALK FAST AND
LOOK WORRIED.



UNSHELVED by Gene Ambaum & Bill Barnes



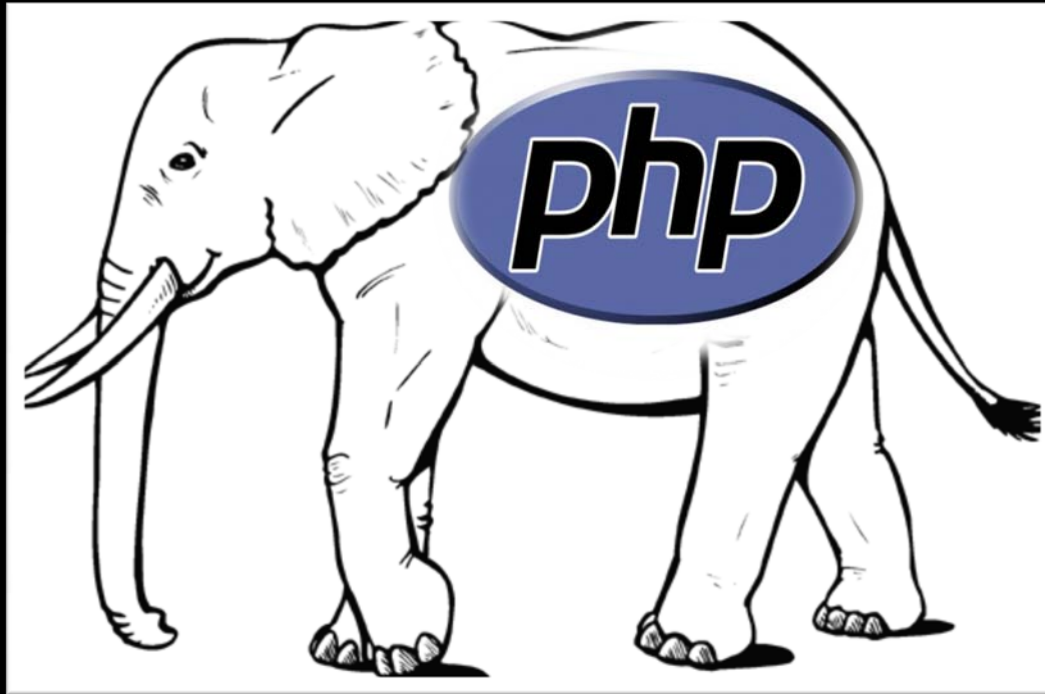
www.unshelved.com



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Librarian/Web Developer

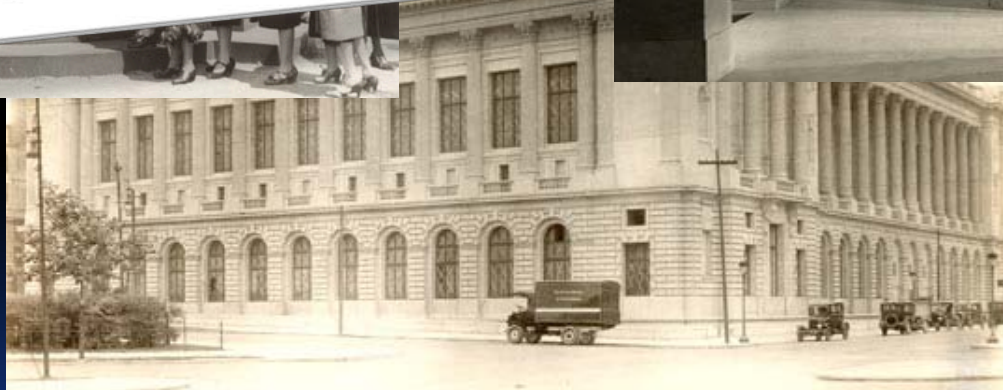


-The elephant in the room...





macromedia
 **COLDFUSION5**



CFML & the hidden library secret

FLP Environment



- ILS - Proprietary
- Tango → CFML

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PHILADELPHIA

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- Read here for critical updates on the [Lib](#)
- We've launched a program to lend e-readers
- Commemorate Black History Month with [events](#)

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Title: [Smokin' Joe: the Autobiography of a Heavyweight Champion of the World](#)

Author: Frazier, Joe

ISBN: 002860847X

Call Number: 796.8309 F869s

Notes: Smokin' Joe Frazier was a former World Heavyweight Boxing Champion and ran a gym on North Broad Street for boxers to train.



Title: [Will Smith](#)

Author: Greene, Meg

ISBN: 0791064697

Call Number: 791.4302 Sm86g

Notes: Actor/rapper Will Smith grew up in the Wynnefield section of West Philadelphia.



Title: [Poems](#)

Author: Simon, E. V.

ISBN: 0791064697

Call Number: 791.4302 Sm86g

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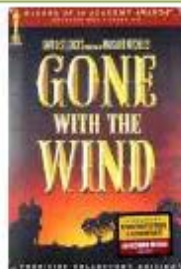
Romantic Films

African Americans From Philadelphia

The Books We Loved Growing Up



Casablanca



Gone With the Wind

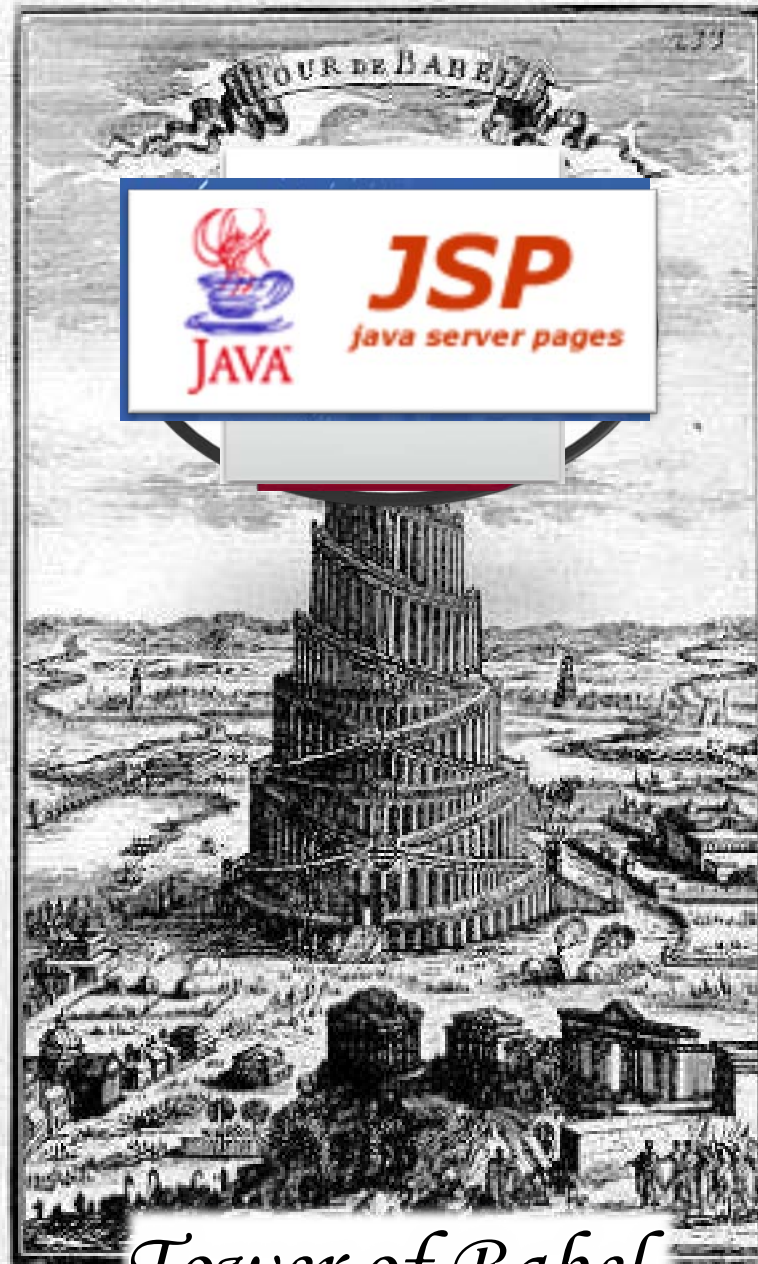


West Side Story



Doctor Zhivago





Tower of Babel

Design Patterns

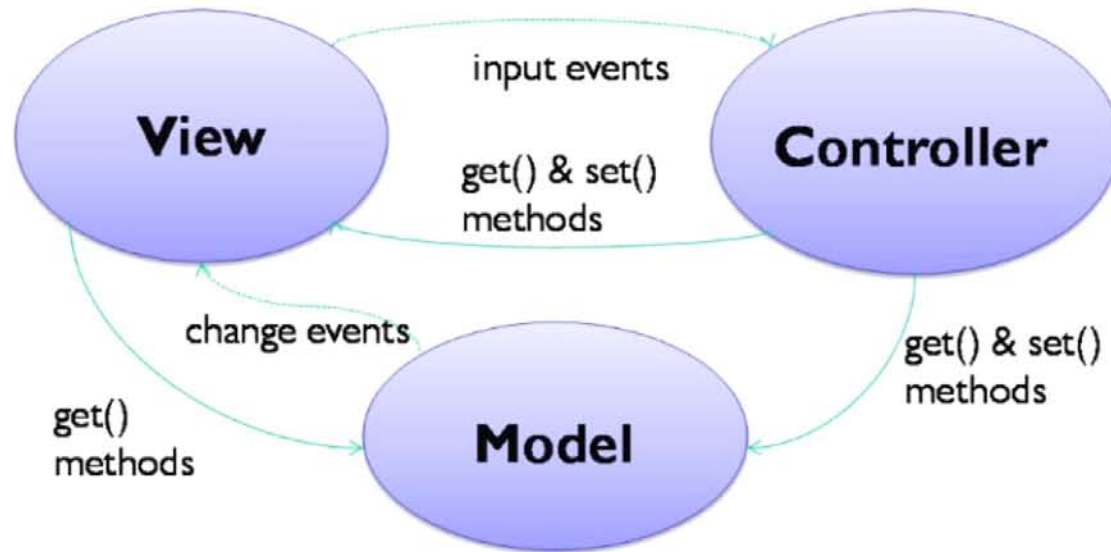
Model-View-Controller Pattern

View handles output

- gets data from the model to display it
- listens for model changes and updates display

Controller handles input

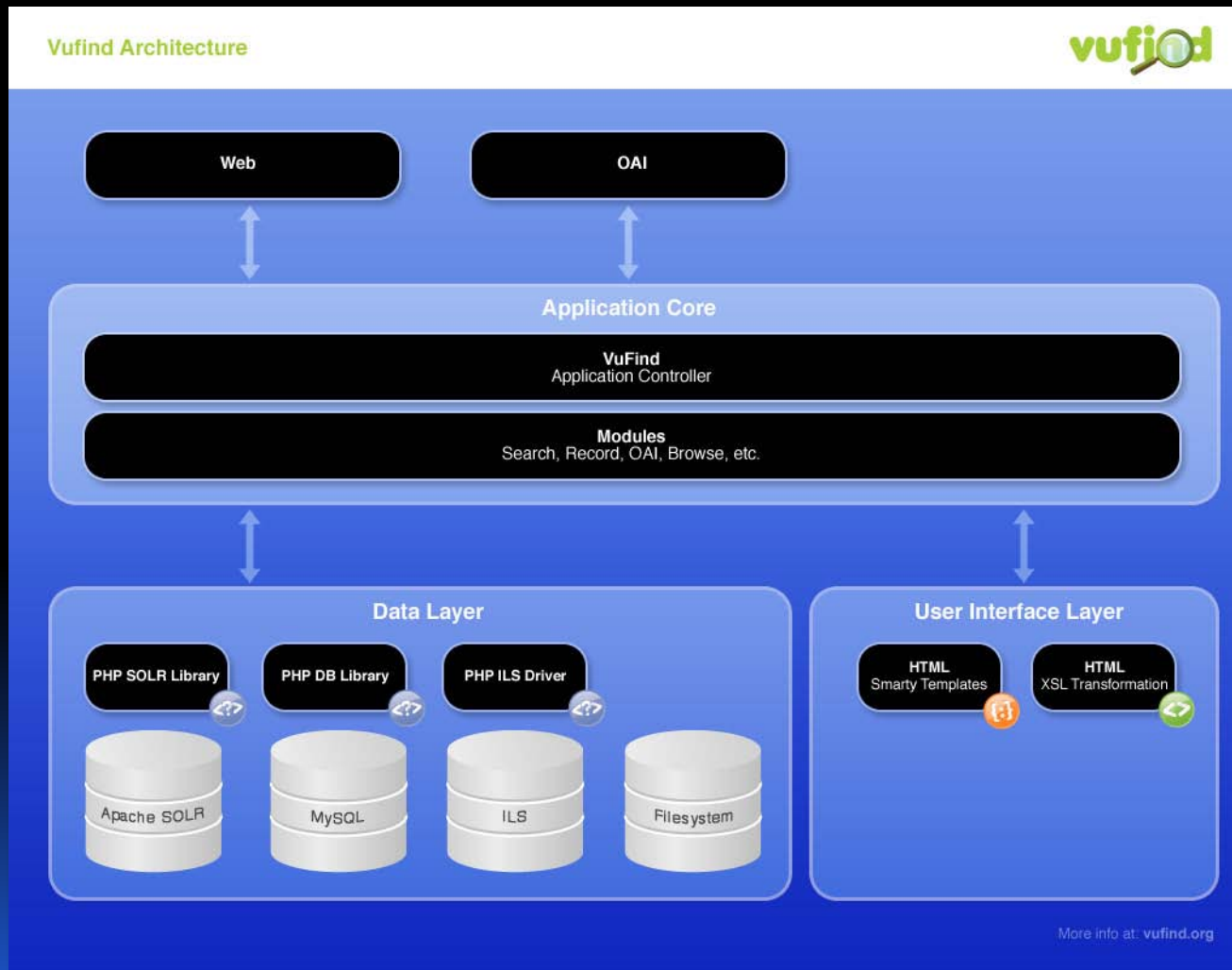
- listens for input events on the view hierarchy
- calls mutators on model or view



Model maintains application state

- implements state-changing behavior
- sends change events to views

Introducing PHP to FLP

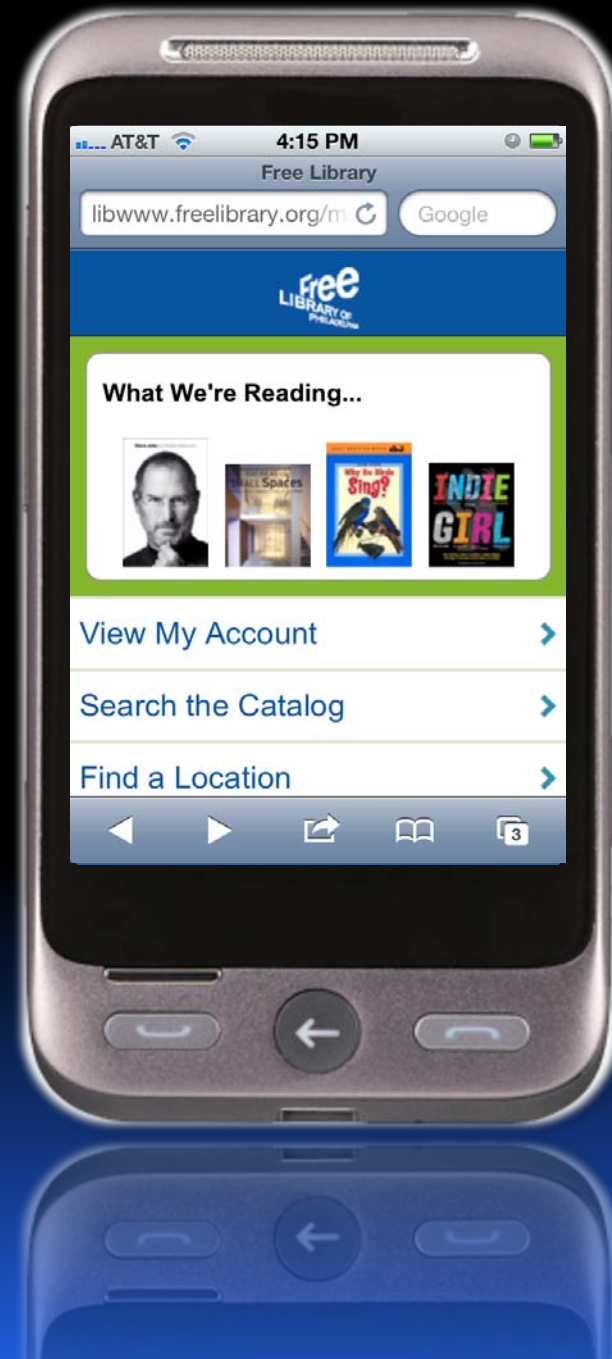


Niche Markets

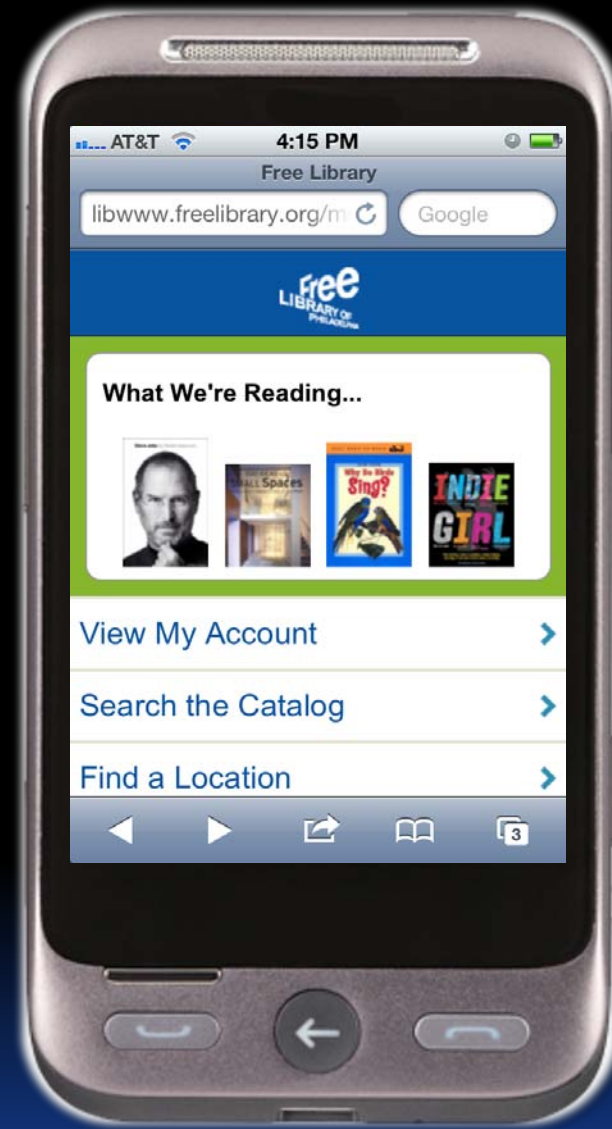


**Find one and be it's
champion**

Create a Web App for that niche

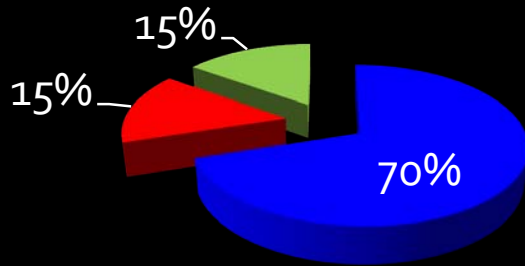


Support a full implementation of it



Know the industry's tendencies

Librarians sharing code

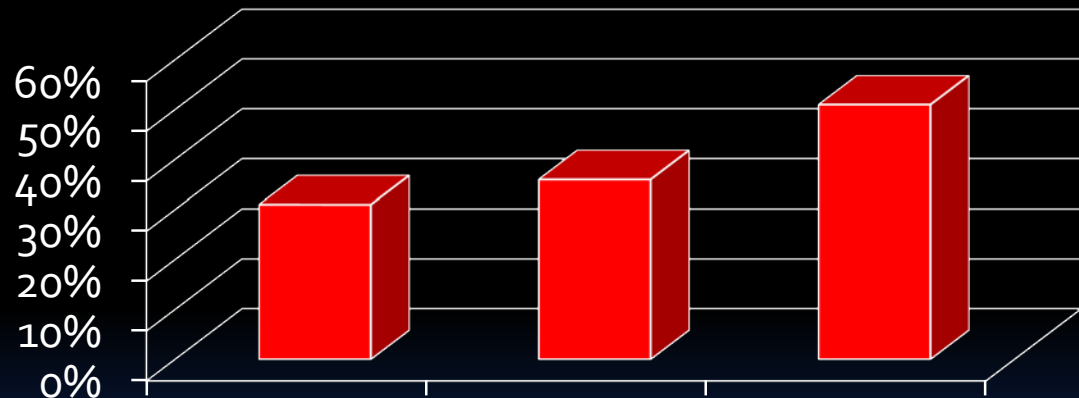


■ 70% would like to but haven't.

■ 15% contributed code to Open Source

■ <15% not programmers/ don't want to share.

Top 3 reasons preventing Open Source code sharing



31% believe
code is too
specialized.

36% feel
unable to
provide
support for
their code.

51% desire
perfection of
code.

Data as reported by Greg Landgraf,
Jan/Feb 2012 edition of Computers in Libraries.

Foster Communities

code{4}lib

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Code4Lib 2012

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[Direct link to live stream](#)

The bluest skies you've ever seen are in Seattle.

The **Orbis Cascade Alliance** and the **University of Washington Libraries** welcome you to the 2012 Code4Lib Conference in Seattle.

Code4Lib 2012 is a loosely-structured conference for library technologists to commune, gather/create/share ideas and software, be inspired, and forge collaborations.

When: February 6-9, 2012 (Feb. 6 Preconference)

Where: **Renaissance Seattle** ([reservations](#))

Who: You!

Why: Because you know you want to!

Conference Schedule

Registration fee: \$150 ([Registration form now open!](#))

Location and Travel

Venue: **Renaissance Seattle** 515 Madison Street, Seattle WA, 98104. ([reservations](#))

Conference Hotel Room Rates:

Conference rates are \$159 for single or double occupancy.

Online reservations on the **Renaissance Seattle Reservations website**.

Transportation:

Airport: **Seattle-Tacoma International Airport (SEA)**

Ground transportation to/from airport:

- **SoundTransit Link Light Rail and Bus Service**
- **Shuttle Express van service**
- **Taxi service available from the airport, approximate fare, \$40**

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Welcome

Lots of libraries are using ColdFusion and CFML. At cflibraries.org, you can collaborate, share, and discuss ideas, code, and applications with other libraries.

Introducing cflibraries.org

2 COMMENTS

2010 JULY 26

KEEP UPDATED

by David Dahl

tags: [Announcements](#)

Welcome to cflibraries.org! We hope that this site will serve as a community space for the intersection of libraries and ColdFusion - whether you are a ColdFusion developer working in the world of libraries or a library person working in the world of ColdFusion.

Get the latest and the greatest news from cflibraries.org delivered to your inbox:

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The idea for this site developed earlier this summer and the wonderfully-free NCDEVCON (my first ColdFusion/web development conference experience). While there, I had the good fortune of meeting Daria Norris. Using our combined powers of observation, we discussed how ColdFusion had a small, yet strong development community and how many libraries were using ColdFusion but not talking about it. As part of being a librarian who does web development, I spend a good deal of time (not too much though) looking at other library's websites, looking for ideas. I never really thought much of those .cfm endings until I started working at Towson University and was tossed (head-first) into a ColdFusion development environment. Fresh out of grad school, I had



code{4}lib

<cflibraries.org>

github
SOCIAL CODING

Encourage Sharing

Conclusions

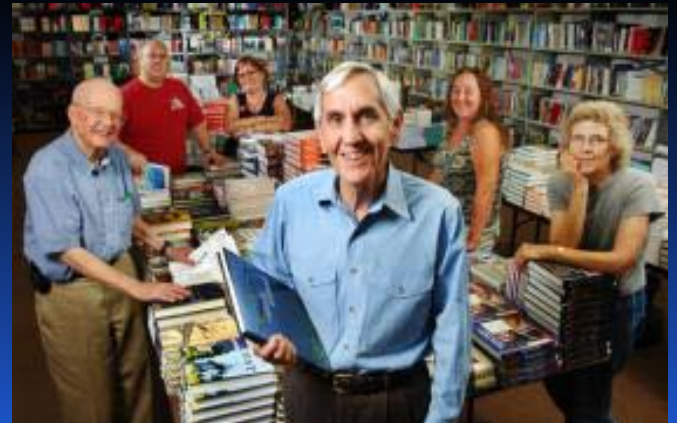
Find a niche market and become its champion

Market your application independent of the language

Know your market and its tendencies

Foster a community around your application

Encourage sharing



Build Applications



Surprise them with CFML

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@cfGothChic
cfgothchic.com