



August
2017



GOLDFUSION
user group **Seattle**



Agenda

- Welcome to the Seattle ColdFusion User Group
- Introductions
- Goals
- Adobe ColdFusion Developer Week
- ColdFusion Frameworks
- ColdFusion Resources & Upcoming Events
- Social Media/On-line Resources
- Web Site Coming Soon
- Volunteer Opportunities
- Next Month's Meeting



Introductions

- Tell us a little bit about who you are
- Share with us what you would like to get from this user group



Goals

- Assist ColdFusion Developers Throughout the Pacific Northwest
- Promote ColdFusion Developers Throughout the Pacific Northwest
- Connect Employers with ColdFusion Developers
- Establish a Community of Friendship Between ColdFusion Developers
- Provide Speaking Opportunities for ColdFusion Developers
- Change the Perception of ColdFusion as a viable platform



ColdFusion Developer Week

- ColdFusion Developer Week was held last week from July 31st – August 4th
- Big Takeaways
 - Adobe seems very committed to ColdFusion and is putting increased effort and resources into it
 - Developers were encouraged to put more ColdFusion projects into GitHub, especially public ones that can be shared
 - Adobe has heard our concerns about the Security Analyzer being tied to a CF Enterprise Server and is working on an option to provide that functionality to all developers



ColdFusion Developer Week

- Videos to be posted soon for all of the following topics
 - The now and the next of Adobe ColdFusion
 - API Economy: Realizing The Business Value of APIs Through Adobe API Management
 - Design of REST API and REST in ColdFusion
 - Upgrade to ColdFusion 2016
 - Finding security vulnerabilities in your code base using security analyzer
 - Load Balancing, Scalability and Failover with ColdFusion Clustering
 - PDF enhancements in ColdFusion 2016
 - Language enhancements in ColdFusion 2016
 - Scale with ColdFusion 2016



ColdFusion Developer Week

- William Frankhouser from WilzDesign and Everett Community College attended 5 of the sessions (thank you William)
- The Now and the Next of ColdFusion
 - Transformation Since 2010
 - CF10 (2010) was HTML5 + REST
 - CF 11 (2012) was + Mobility
 - CF 2016 + API Management; security analyzer
 - High performance .. 30% faster; session storage on distributed cache
 - Security... scan code for OWASP top 10; secure by default
 - Productivity... CLI, PDF, Language functions, operators, datatypes
 - API Manager



ColdFusion Developer Week

- CF 2018 + Microservices (Containerized platform, Async programming, automated lockdown, Performance Management Suite)
 - [Docker](#), Red Hat [OpenShift Container Platform](#)
 - CF 2018 will be supported till 2025
- CF 2020 Requirements are being formulated



ColdFusion Developer Week

▪ Security

▪ Adobe Secure Product Lifecycle (SPLC)

- Focus on embedding security into product requirements and planning

- Adobe has been using SD Elements since 2014 to assist

- <https://www.securitycompass.com/sdelements/>

- More Info: <https://blogs.adobe.com/security/tag/secure-product-lifecycle>

- No ZERO-Day Vulnerabilities since 2012

- Ability to Run ColdFusion 2016's Security Code Analyzer from the Command Line using code created by David Epler:

- <https://github.com/dcepler/cf-commandline-sec-ana>



ColdFusion Developer Week

- Test Your ColdFusion Code Using Online Services
 - CFLive.net (powered by Lucee): <http://cflive.net>
 - TryCF.com: <https://trycf.com/>
- GitHub Repos Growth:
1800 in 2012 to almost 14,000 in 2016



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ColdFusion Frameworks

- Frameworks throughout the ages
 - Fusebox
 - Originally created in 1997 and now open-sourced
 - Has versions for ASP and PHP
 - Uses Fuseactions
 - Web Site: <http://fusebox.org/>
 - Latest Version: 5.5.2 (there is a listing for 5.6 on the site, but it doesn't appear to be available from GitHub). Last commit on GitHub for 5.5.2 was on May 10, 2012



ColdFusion Frameworks

- Frameworks throughout the ages
 - Mach-II
 - Very Popular Object-Oriented MVC Framework
 - All actions in a Mach-II application are event announcements, so there is no concept in a Mach-II application of linking to a specific CFML file.
 - Events are announced, either in the URL or programmatically, and this subsequently kicks off a series of developer-defined actions for that event, such as data processing or gathering data and displaying it to the user.
 - Web Site: <http://mach-ii.com/>
 - GitHub Repo: <https://github.com/Mach-II/Mach-II-Framework>
 - Sunsetting in 2013



ColdFusion Frameworks

- Frameworks throughout the ages
 - FW/1 (Framework 1)
 - Actively maintained by Sean Corfield
 - Supported from ACF 9.0 on, however latest version of FW/1 required ACF 10.0 and greater or Lucee 4.5 and greater
 - Lightweight MVC Framework that supports dependency injection (passing of a dependency to a dependent object) and aspect-oriented programming (programming paradigm that aims to increase modularity by allowing the separation of cross-cutting concerns).
 - FW/1 Blog: <http://framework-one.github.io/>
 - FW/1 Documentation: <http://framework-one.github.io/documentation/4.1/>
 - GitHub Repo: <https://github.com/framework-one/fw1>
 - Fun Fact - Sean Corfield was involved with Fusebox 5 and 5.1 from 2006-2008)



ColdFusion Resources

■ Training

- Lynda.com (free for King Country Library Members). 4 courses available:
 - Via King County Library: <https://kcls.org/resources-types/courses-training/>
 - Direct: <https://www.lynda.com/ColdFusion-training-tutorials/174-0.html>
- Getting Started with Adobe ColdFusion 2016: <https://www.adobeknowhow.com/courselanding/getting-started-coldfusion-2016> (SSL Certificate expired on 8/5/2017)
- Learn CF in a Week: <http://learncfinaweek.com/>



ColdFusion Resources

- Programming/Language Resources
 - Adobe ColdFusion Developer Center:
<http://www.adobe.com/devnet/coldfusion.html>
 - ColdFusion Help: <https://helpx.adobe.com/coldfusion/home.html>
 - CFLib.org (Common Functions Library):
<http://cflib.org/>
 - BenNadel.com (Lots of tips and code references/examples):
<https://www.bennadel.com/>
 - CFDocs (Tags and functions reference): <https://cfdocs.org/>
 - Charlie Arehart's site (videos, training, links):
<http://www.carehart.org/>



Upcoming Events

- NCDevCon (<http://ncdevcon.com>) – October 7-8 – Raleigh, NC
- Adobe ColdFusion Summit
 - Dates: November 16-17 (pre-conference workshops on the 15th)
 - Location: The Mirage Resort and Casino – Las Vegas, NV
 - More Info and Registration: <https://cfsummit.adobeevents.com/>



Seattle CFUG Social Media

- Facebook:
<https://www.facebook.com/seattlecoldfusionusergroup/>
- Twitter: <https://twitter.com/seattlecfug> @seattlecfug
- Meetup (join our group here):
<https://www.meetup.com/Seattle-ColdFusion-User-Group/>
- EventBrite (register for our events here)



Web Site Coming Soon

- seattlecfug.org
- Fully Responsive
- Social Resource Link
- Member bios/photos/links (active members)
- Events
- Contact
- Directions
- About ColdFusion
- ColdFusion Resources



Volunteer Opportunities

- Social Media
- Web Site
- Presentations





Next Month's Meeting

- September 12, 2017 – OnlineMetals.com