April 2025

ColdFusion
user group Seattle

Agenda

- Introductions
- Goals
- Add Your Bio to the Seattle CFUG site
- Adobe ColdFusion Summit 2025
- Adobe Security Bulletin APSB25-15
- Prevent Your App from Breaking When the Latest ColdFusion Patches are Installed
- Value Scouting with ColdFusion – Clinton Graden
- Tag/Function O'Month
- Questions/Answers/Help Needed
- Next Meeting

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

Add Your Bio to the Seattle ColdFusion User Group site

- Let prospective employers know you're available for ColdFusion Support

- Include your photo, biography, social media links and e-mail address

- Available for any active Seattle ColdFusion User Group member (attendance at a Seattle ColdFusion User Group Meeting in the past 3 months). Don't need to be a resident in the Pacific Northwest,

Adobe ColdFusion Summit 2025

- Location: Resorts World – Las Vegas

- Conference Dates: September 22nd and 23rd

- Certification Dates: September 21st and 24th

- More Info and Register: https://cfsummit.adobeevents.com/

Adobe Security Bulletin APSB25-15

- **Release Date:** April 8th

- **Why this was released:** This update resolves critical and important vulnerabilities that could lead to arbitrary file system read, arbitrary code execution and security feature bypass.

- **What version does this update ColdFusion to?**
    - ColdFusion 2025 – Update 1
    - ColdFusion 2023 – Update 13
    - ColdFusion 2021 – Update 19

- **More Info:** https://helpx.adobe.com/security/products/coldfusion/apsb25-15.html

Prevent Your App from Breaking When the Latest ColdFusion Security Patches are Installed

These security patches to Adobe ColdFusion disable searching implicit variable scopes:

- ColdFusion 2023 - Update 7

- ColdFusion 2021 – Update 13

The purpose of this update was to resolve a critical vulnerability that could lead to arbitrary file system read.

Prevent Your App from Breaking When the Latest ColdFusion Security Patches are Installed

What is an implicit variable scope?

An implicit variable scope is simply one where the variable has no scope.

Examples include:

- Form.thevariable – Form scope

- URL.theVariable – URL scope

- Application.theVariable – Application scope

- Session.theVariables – Session scope

There are many more scopes: see https://helpx.adobe.com/coldfusion/developing-applications/the-cfml-programming-language/using-coldfusion-variables/about-scopes.html for a complete list.

Prevent Your App from Breaking When the Latest ColdFusion Security Patches are Installed

How do I prevent this from breaking my application?

1. Find all of the unscoped variables in your application. If this is large legacy application, consider using Fixinator (created by Foundeo) and scope all of those variables in your application

2. Instruct ColdFusion to resume searching implicit variables scopes
   NOTE: this option will be removed in a future ColdFusion release

Prevent Your App from Breaking When the Latest ColdFusion Security Patches are Installed

How to set my application to search implicit scopes in an application that uses an Application.cfm file

<cfapplication name="myApp" searchImplicitScopes="true">

Prevent Your App from Breaking When the Latest ColdFusion Security Patches are Installed

How to set my application to search implicit scopes in an application that uses an Application.cfc file

```
<cfscript>

        this.searchImplicitScopes="true";

</cfscript>
```

Value Scouting With ColdFusion

Presenter: Clint Graden

Tag/Function O'Month

Presenter: Will Frankhouser – Adobe Certified Professional – ColdFusion

Questions/Answers/ Help Needed

This is your opportunity to ask any ColdFusion question or request help for a ColdFusion-related issue.

Next Meeting

May 7, 2025 – 5:00 PM PDT (on-line via Zoom).

Adding eCommerce to your ColdFusion app using the Authorize.net API

- Setting up a developer account
- Obtaining a API Login ID and Transaction Key
- Passing Shopping Cart Information to Authorize.net
- Processing the Authorize.net response

ColdFusion Tag/Function O' Month