

**April
2024**



COLD FUSION
user group **Seattle**



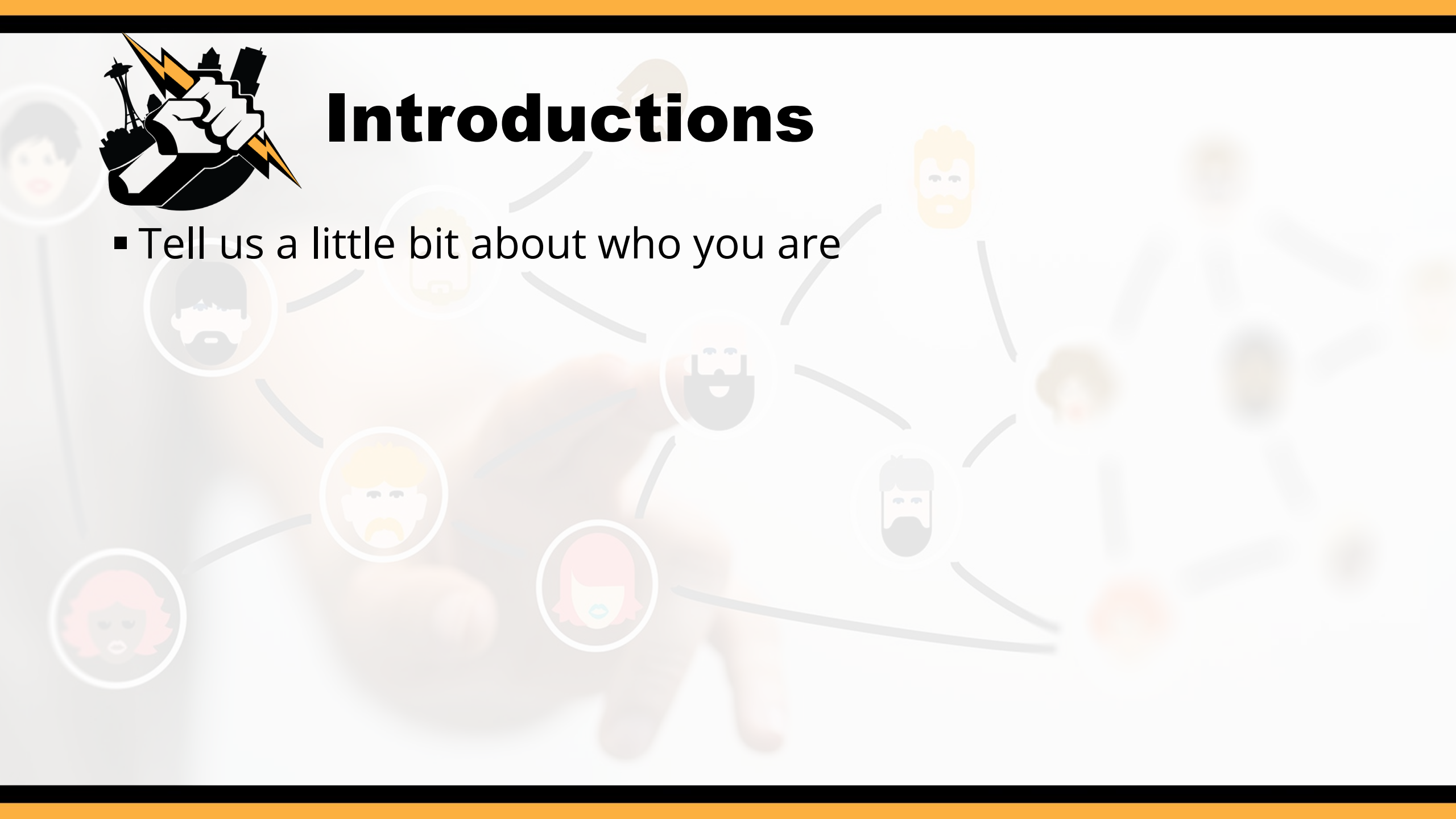
Agenda

- Introductions
- Goals
- Add Your Bio to the Seattle CFUG site
- Prevent Your App from Breaking When the Latest ColdFusion Patches are Installed
- Adobe ColdFusion Summit 2024
- Using the Adobe Security Analyzer to Secure Your Applications
- Tag/Function O'Month
- Questions/Answers/Help Needed
- Next Meeting



Introductions

- Tell us a little bit about who you are





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,



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

The latest 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. Scope all of the 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>
```



Using the Adobe Security Analyzer to Secure Your Applications

Presenter: Will Frankhouser – Adobe Certified Professional – ColdFusion



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

March 15, 2023 – 5:00 PM PDT (on-line via Zoom).