

Real world scenarios for modern CFML

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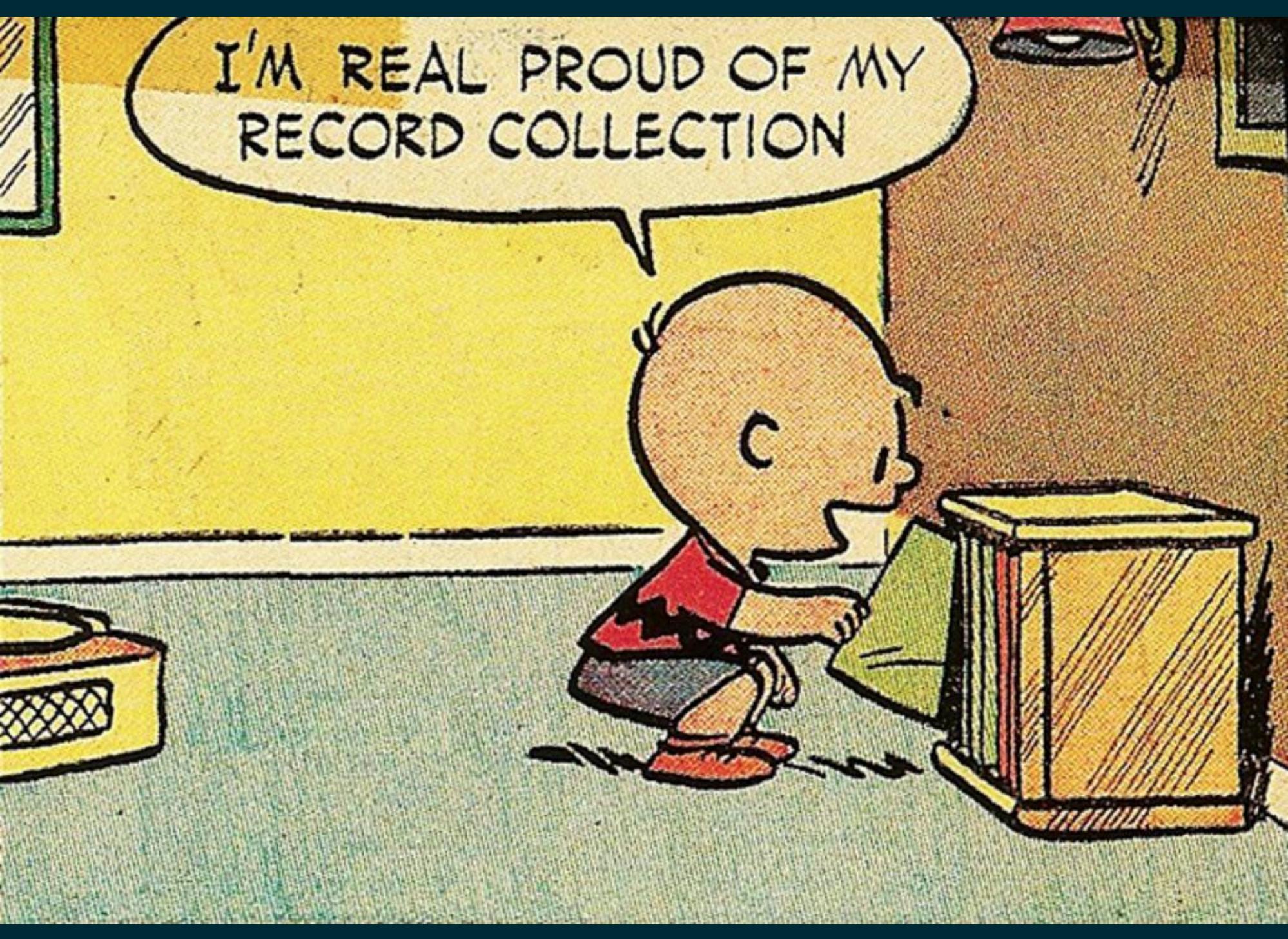
South of Shasta Consulting

About Me

- Software Consultant (southofshasta.com)
 - Software Development, Training, Design
- ColdFusion, C++, Java, jQuery, PHP, .NET, HTML5, Android, SQL, etc...
- Manager, SacInteractive User Group
- Reformed Video Game Developer (Grim Fandango, SimPark, StarWars Rogue Squadron, etc).
- Music Junkie



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Today's Agenda

- Look at new language features CFML
- And related newer tools, etc.
- Discuss briefly what they do
- And give non "hello world" examples of how to use them.

First real-world tip

Install CommandBox!

- Seriously
- If you learn nothing else, learn that
- Really is a game-changer
- You do *not* have to be on ColdBox to use it

Command Box...

- Command line CFML tools
- *Incredibly* easy to set up new environments
- Switch to *any* version of CFML easily
- REPL
- Easy scaffolding for projects
- Basically all the things Node developers brag about

Closures

- Run code in its own "context"
- Not a CFML specific feature
- Common in modern
JavaScript

Closures

- Run code in its own "context"
- Not a CFML specific feature
- Common in modern JavaScript, other languages too
- Demo

Member Functions

- Really don't do anything different
- Instead of, say, `ArrayLen(arr)`, it's `arr.length()`
- The "thing" has the function built inside
- Similar to Java, Groovy, JavaScript, etc

Elvis, Ternary, Safe Navigation

- All essentially short-hands for varios if() statements
- Elvis is ?:
- Ternary is ? expression : expression
- Safe Navigation:
structName?.keyThatMayNotExist

Functional programming

- filter
- map
- reduce
- Convert queries to arrays for better APIs

QueryExecute

- Cleaner way to execute queries in CFScript
- Less of the ".net" style block of code
- Essentially one line of code
- QueryExecute(sql, params, options);
- Demo

runAsync()

- Run code
asychronously
- In a separate thread

Other Resources

- CFML Reference on helpx.adobe.com
- Talk to people at the conference!
- "Head First Design Patterns" book
- South of Shasta on-site and remote training classes

Questions? Comments? Need consulting help?

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Thanks!

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