

Real World Scenarios For Modern CFML

Nolan Erck

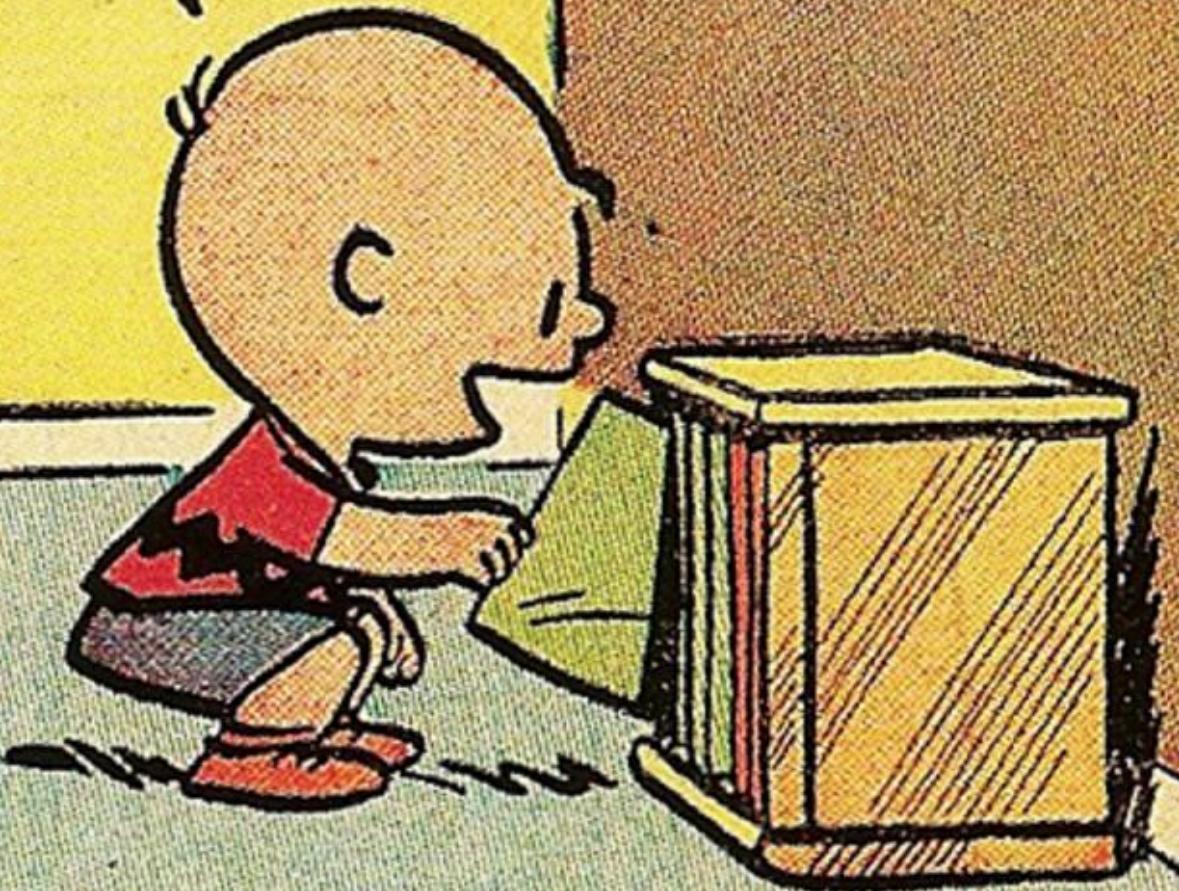
South of Shasta Consulting

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



I'M REAL PROUD OF MY
RECORD COLLECTION



Code And Slides

[github.com/nolanerck](https://github.com/nolanerck/modern-cfml-demos)

[modern-cfml-demos](https://github.com/nolanerck/modern-cfml-demos)

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, other languages too

Closures are all over TestBox

- Testing code is always important
- You can use TestBox to test *any* CF code
- Not just for ColdBox projects
- Can test cfinclude, functions, custom tags, whatever
- Deson't need to be a ColdBox app
- But you *do* need closures

Member Functions

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

Elvis, Ternary, Safe Navigation

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

Functional Programming

- filter()
- map()
- reduce()
- Convert queries to arrays for better APIs,
etc

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!
- cfdocs.org
- "Head First Design Patterns" book
- South of Shasta on-site and remote training classes

Questions? Comments? Need consulting help?

- southofshasta.com
- nolan@southofshasta.com
- Twitter: @southofshasta
- Github: nolanerck

Thanks!

Please complete the survey!