

# Angular – Say Goodbye to Javascript Soup

Graeme Foster



# Back in time to 1999

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B E T A

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# What's bad with what we have?

- › ... DOM / JQuery / Html becomes *messy*
- › ... and difficult to *test*
- › ... and *regression* creeps in
- › ... and it becomes *unmaintainable*
  
- › Web Apps are getting **complex!**



# Enter the framework

- › There are many web frameworks
  - › Ember
  - › Backbone
  - › Knockout
  - › And approximately 10 new ones per day...
- › Check them out



# Angular Core Concepts

- › UI is *declarative*
  - › “Extensions” to Html
  - › Heavy use of Data Binding
- › App Logic is *imperative*
  - › Written in Javascript
  - › Dependency Injection at its heart



# Demonstrations



# Achievements Unlocked

- › Markup is simple, contains no Javascript.
- › App logic is in small javascript components where it is easy to test
- › And we even used gulpjs to run automated tests!



# Takeaways

- › Data Binding via directives
- › Value conversion using filters
- › Unit testing controllers using Jasmine
- › Mocking out \$http using \$httpBackend and testing http calls
- › Routes using ng-route
- › Little-s-singletons implemented as services





# References

- › <https://angularjs.org/>
- › <https://groups.google.com/forum/#!forum/angular>
- › <https://www.youtube.com/user/ngconfvideos>
- › <http://tutorials.jenkov.com/angularjs/index.html>





# Contact

[graeme.foster@readify.net](mailto:graeme.foster@readify.net)

<http://gograemefoster.blogspot.com>

+61 (416) 848-234

@graefoster



Thank you

