



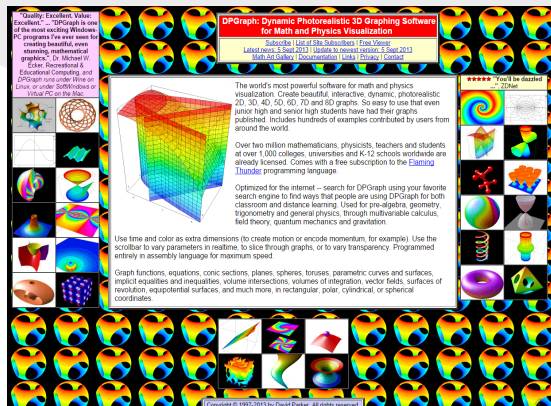
Introduction to Angular JS

Alain Chautard
www.interstate21.com



Internet History in 2 slides

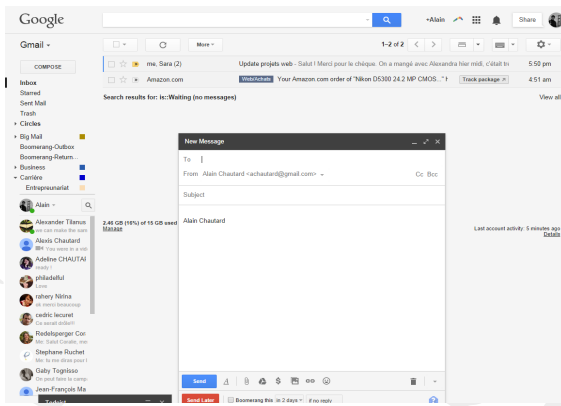
90's



2000's



2010's



From 10% static webpages to 100% dynamic content...
using the same good old static HTML!

Internet History in 2 slides

- Static HTML with animated GIFS
- PHP (and then JSP, ASP, etc.)
- Ajax / jQuery - Web services
- HTML5 / CSS3
- Angular, Web components

Moving away from server-generated front-ends!

Angular JS: What it is

- Open-source web application framework, maintained by Google and the community
- Decouple DOM manipulation from application logic
- Decouple the client side of an application from the server side
- Provide structure for the journey of building an application (MVC pattern)
- Started in 2009 - Version 1.0 in 2012 - 1.3.0 in 10/14
- 2.0 next year

Hello Angular

- Set-up of an Angular JS application
- Expressions
- Model (scope) View (HTML) Controller (JS)
- ng-app, ng-controller, ng-bind

See the [code here](#)

Angular Models (ng-model)

- ng-model = 2-way data binding
- Javascript objects
- Independent scopes

See the [code here](#)

Angular ng-repeat

- ng-repeat
- \$index
- Independent scopes

See the [code here](#)

Angular ng-filter

- | operator
- filters (default, by attribute value, custom)
- orderBy (+ / - for ascendant/descendant)
- uppercase, lowercase, currency

See the [code here](#)

Angular \$http

- Angular service for http requests
- Dependency injection
- success / error methods
- Model update

See the [code here](#)

Angular ng-if, ng-show, ng-hide

- ng-show, ng-hide (based on CSS)
- ng-if is based on DOM

See the [code here](#)

Angular forms

- Checkboxes (ng-true-value, ng-false-value)
- Select dropdowns (ng-options)
- Form access via scope
- Form validation

See the [code here](#)

Angular CRUD application

- Create / update / delete persons

See the [code here](#)

Sacramento Angular JS meetup

- Once a month on the last Tuesday of the month
- Hosted at SkySlope in midtown Sacramento

<http://www.meetup.com/Sacramento-Angular-Meetup/>