# Introduction

## Filters seemed like magic

### Story of finding Angular

#### Been here before?

## Boss

### Hi Jason!

## Reasons most people pick technologies/frameworks

### How much does it cost?

### Does it fit into our current infrastructure?

### Are developers trained in it?

### Is it stable?

### Is it Microsoft/Google/Java?

## Reasons I pick a technology/framework

### It’s fun

### Cool community

### Makes me look like a genius to the Boss and users

## First demo

### Built in 2 hours by a JS N00b

### Codebase

### Filters made me look like a genius

## How it works

## Built-in Filters

## String Filter

### Sorry to the JS ninjas (Was new to JS, this would’ve been helpful)

### Aside: Lots of the questions I see on Angular are more about how JS works.

### Awesome for the Perl neckbeards with amazing regex-fu

## Filter: Filter (Array Filter)

### Mini-rant on terminology

### Evaluates each item in the array, returns simple true/false for each

### Checkboxes demo

## Custom Filter

### Takes in the entire array, returns an entire array.

## Testing Filters

### Code

## Chaining Filters

### Demo

### Order of filters counts

## Performance of Filters

### Demo with large record set

### When to move to back-end filtering

## Don’t use Filters

### DOM manipulation

### Intense/costly data formatting

### Unstable functions (filters should reliably return the same data on each call, so no random functions.)

### Restricting access to information (the JSON still holds the data)

## Filters are still magical

### Charting demo