

Displaying Data with Pipes



Joe Eames

WEB DEVELOPER

@josepheames www.joeeames.me



Agenda

Built-In Pipes

Custom Pipes

Filtering Data

Sorting Data



Pipes vs Filters

A1 Filters

Formatting

Sorting

Filtering

Pipes

Formatting

Sorting

Filtering



Filtering & Sorting Data - Overview



Primitive Identity

```
var a = 3;
```

```
var b = 3;
```

```
a === b TRUE
```

```
var c = a;
```

```
a === c TRUE
```

```
a = 4;
```

```
a === c FALSE
```

a 3

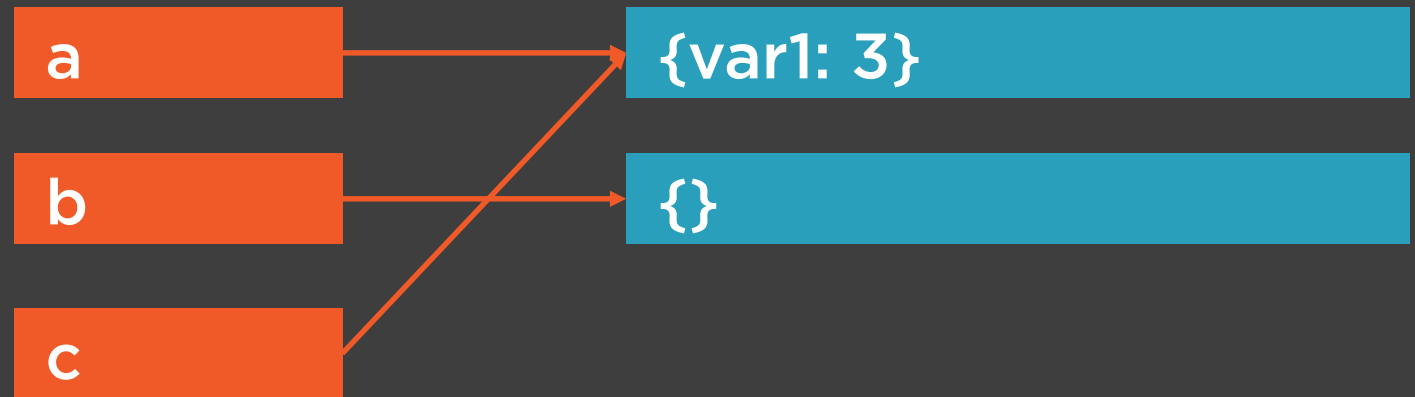
b 3

c 3



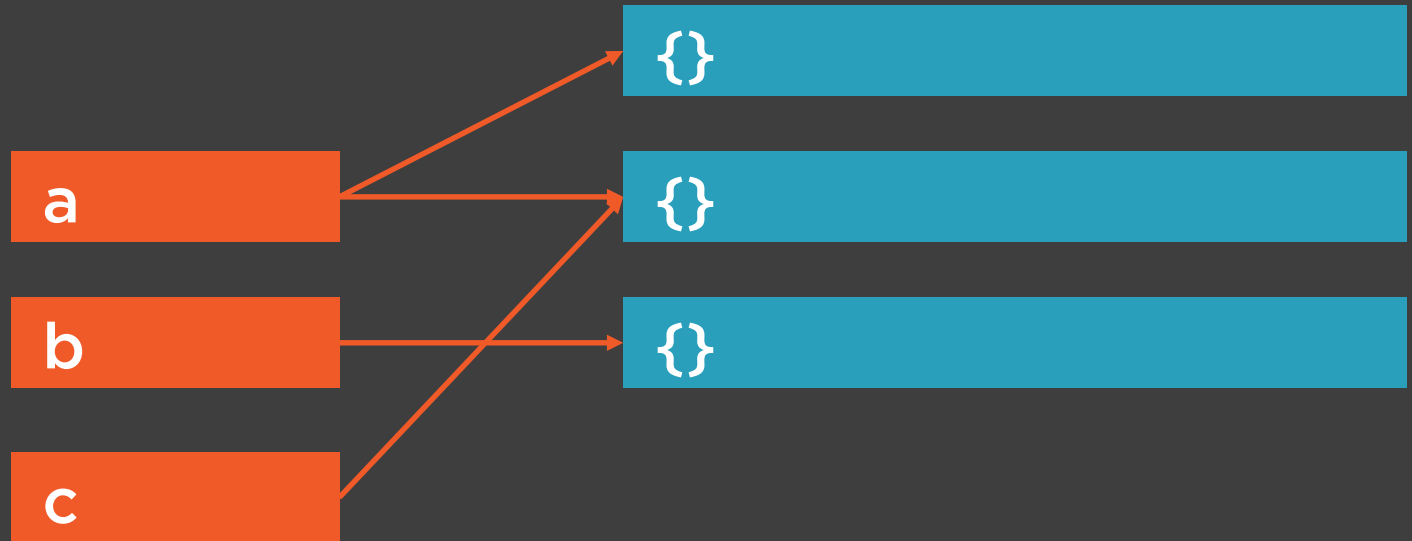
Object Identity

```
var a = {};  
var b = {};  
a === b FALSE  
var c = a;  
a === c TRUE  
a.var1 = 3;  
a === c TRUE
```



Object Identity

```
var a = {};  
var b = {};  
a === b FALSE  
var c = a;  
a === c TRUE  
a = {};  
a === c FALSE
```



Mutability

```
[  
  { name: 'Dave' },  
  { name: 'John' },  
]
```



Mutability

```
[  
  { name: 'Dave' },  
]
```



Mutability

```
[  
  { name: 'Dave' },  
  { name: 'Dan' },  
]
```



Identity, Mutability & Pipes

```
[  
  { name: 'John' },  
  { name: 'Dave' },  
]
```



```
[  
  { name: 'Dave' },  
  { name: 'John' },  
]
```



Identity, Mutability & Pipes

```
[  
  { name: 'John' },  
  { name: 'Ra1ph' },  
]
```



```
[  
  { name: 'Dave' },  
  { name: 'John' },  
]
```



Another Option

Angular Pipes

Angular change
detection cycle

Angular 1 Filters



Recommended Filtering & Sorting

yourself

and When Source
Changes

efficient



Summary



Pipes
Sorting & Filtering

