

Building Realtime Apps with



&



Firestore



ng-conf

Anant Narayanan

Overview



What is Firebase?



Role of a backend in Angular



Building a realtime app

Overview



What is Firebase?



Role of a backend in Angular



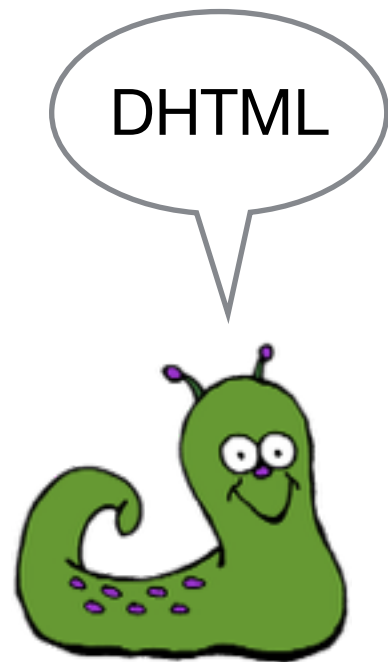
Building a realtime app



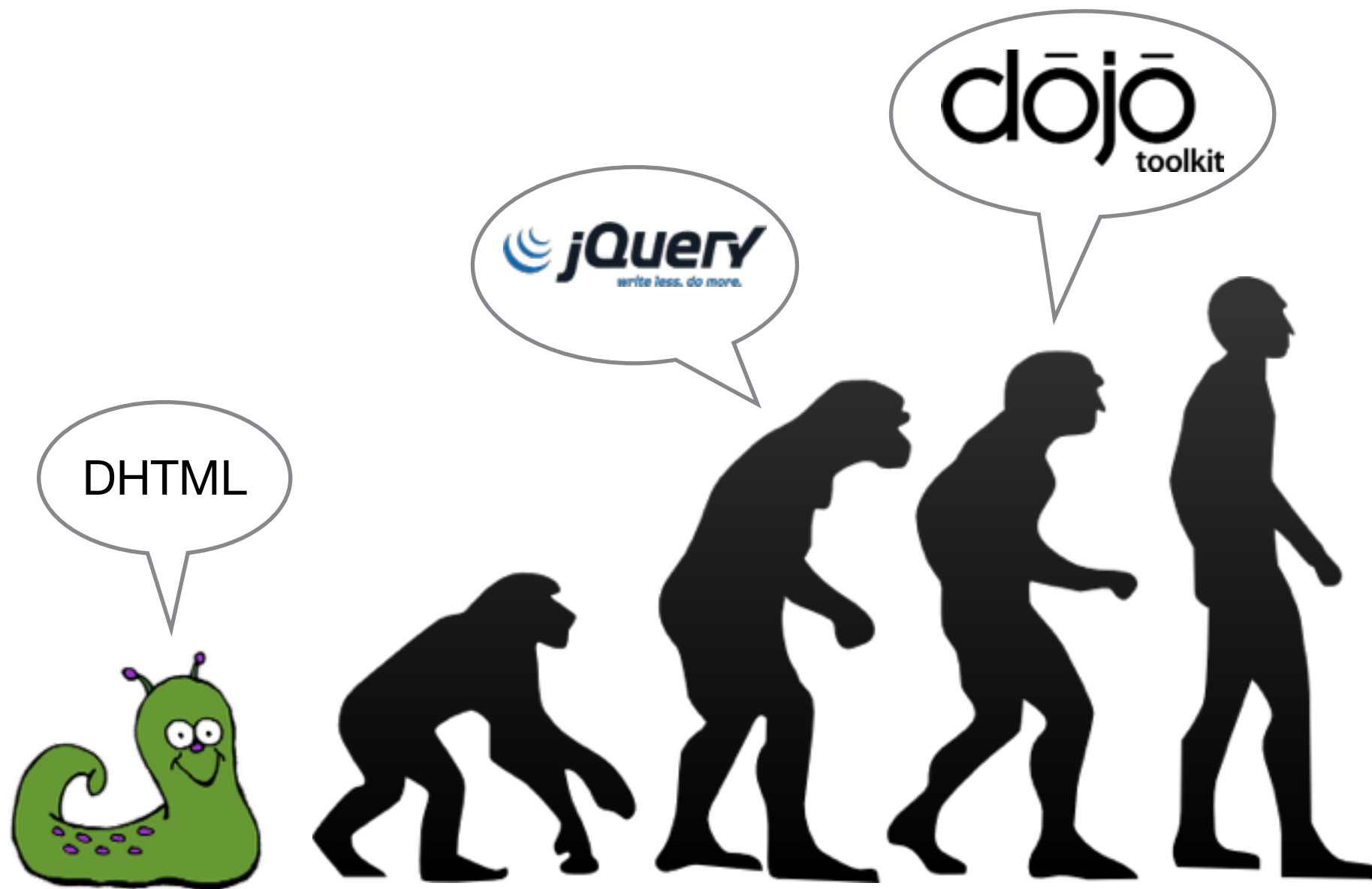
A special announcement!

Evolution of Web Apps

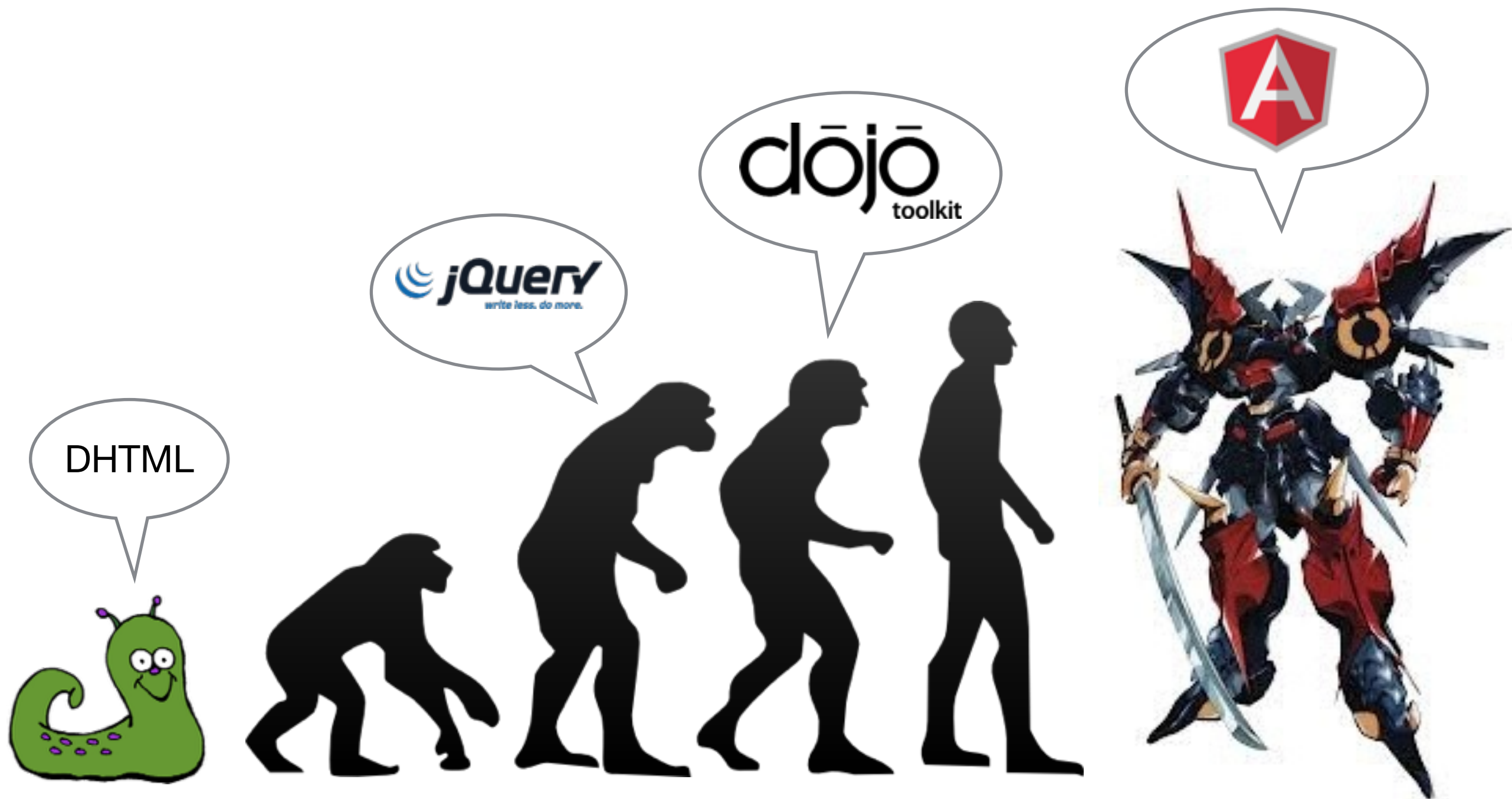
Evolution of Web Apps



Evolution of Web Apps



Evolution of Web Apps



Evolution of Web Apps

Evolution of Web Apps

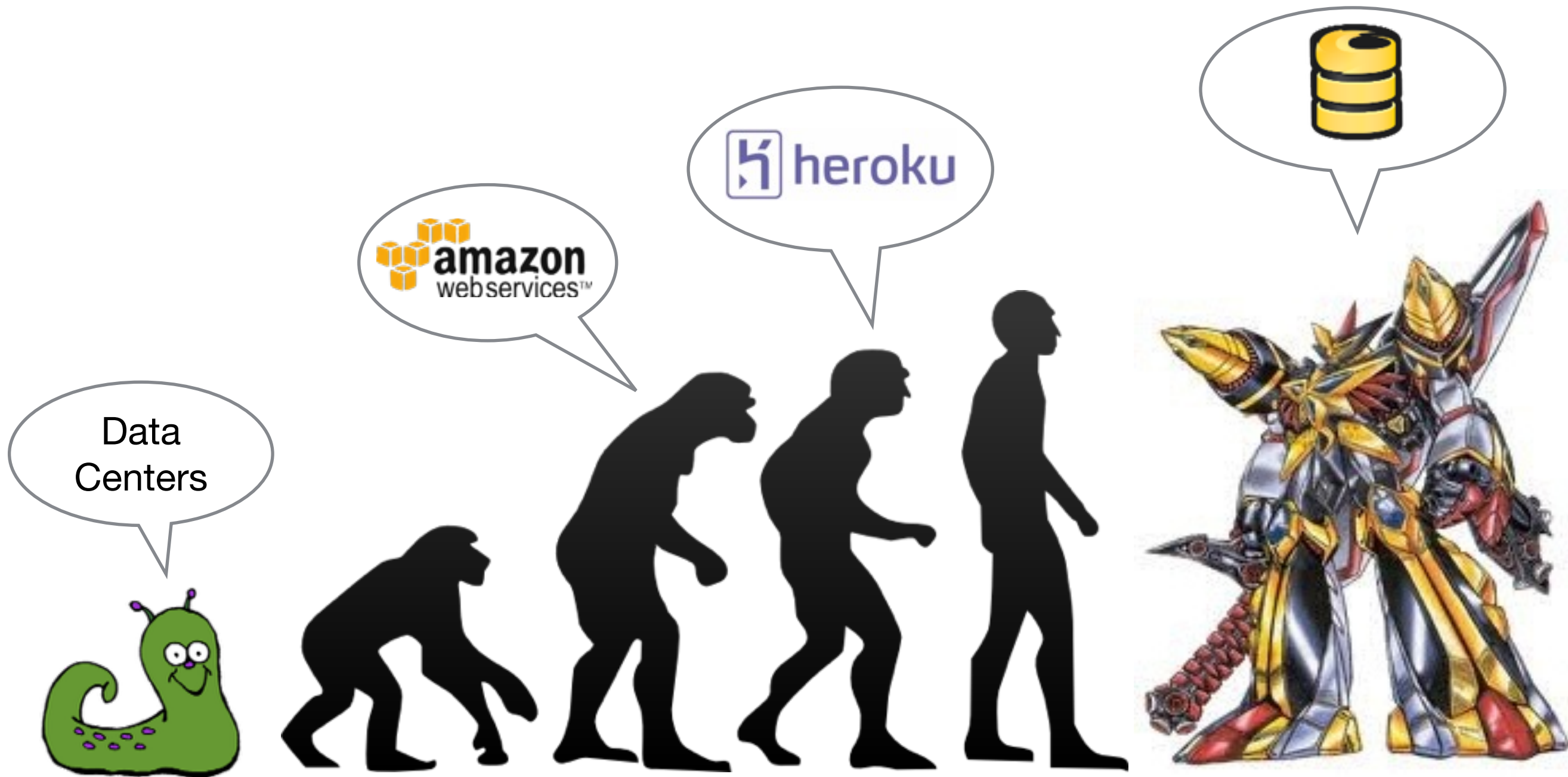
Data
Centers



Evolution of Web Apps



Evolution of Web Apps



Wire up a Backend

Deep Linking

A deep link reflects where the user is in the app, this is useful so users can bookmark and email links to locations within apps. Round trip apps get this automatically, but AJAX apps by their nature do not. AngularJS combines the benefits of deep link with desktop app-like behavior.

Form Validation

Client-side form validation is an important part of great user experience. AngularJS lets you declare the validation rules of the form without having to write JavaScript code. Write less code, go have beer sooner.

Server Communication

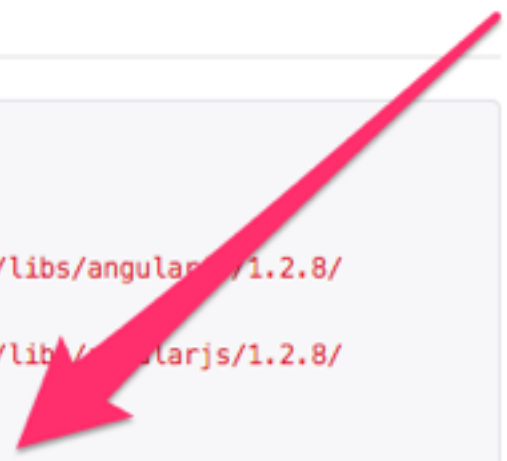
AngularJS provides built-in services on top of XHR as well as various other backends using third party libraries. Promises further simplify your code by handling asynchronous return of data. In this example, we use the AngularFire library to wire up a [Firebase](#) backend to a simple Angular app.

- index.html
- project.js
- list.html
- detail.html

```

1. <!doctype html>
2. <html ng-app="project">
3.   <head>
4.     <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.2.8/
5.       angular.min.js"></script>
6.     <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.2.8/
7.       angular-resource.min.js"></script>
8.     <script src="https://cdn.firebase.com/v0/firebase.js"></script>
9.     <script src="https://cdn.firebase.com/libs/angularfire/0.5.0/
10.      angularfire.min.js"></script>
11.     <script src="project.js"></script>
12.   </head>
13.   <body>
14.     <h2>JavaScript Projects</h2>
15.     <div ng-view></div>
16.   </body>
17. </html>

```



Server over me. [Edit Me](#)

JavaScript Projects

Project	Description
AngularJS	HTML enhanced for web apps!
Backbone	Models for your apps.
Fes	
Batman	Quick and beautiful.
Cappucinok	Objective-J.
Ember	Ambitious web apps.
GWT	JS in Java.
jQuery	Write less, do more.
Knockout	MVVM pattern.
rrzer	azeeza
rtqetr	sdfasd fs ferf r
Sammy	Small with class.
Spine	Awesome MVC Apps.
SproutCore	Innovative web-apps.



Firebase

The Realtime Application Platform



API to store and sync data in realtime

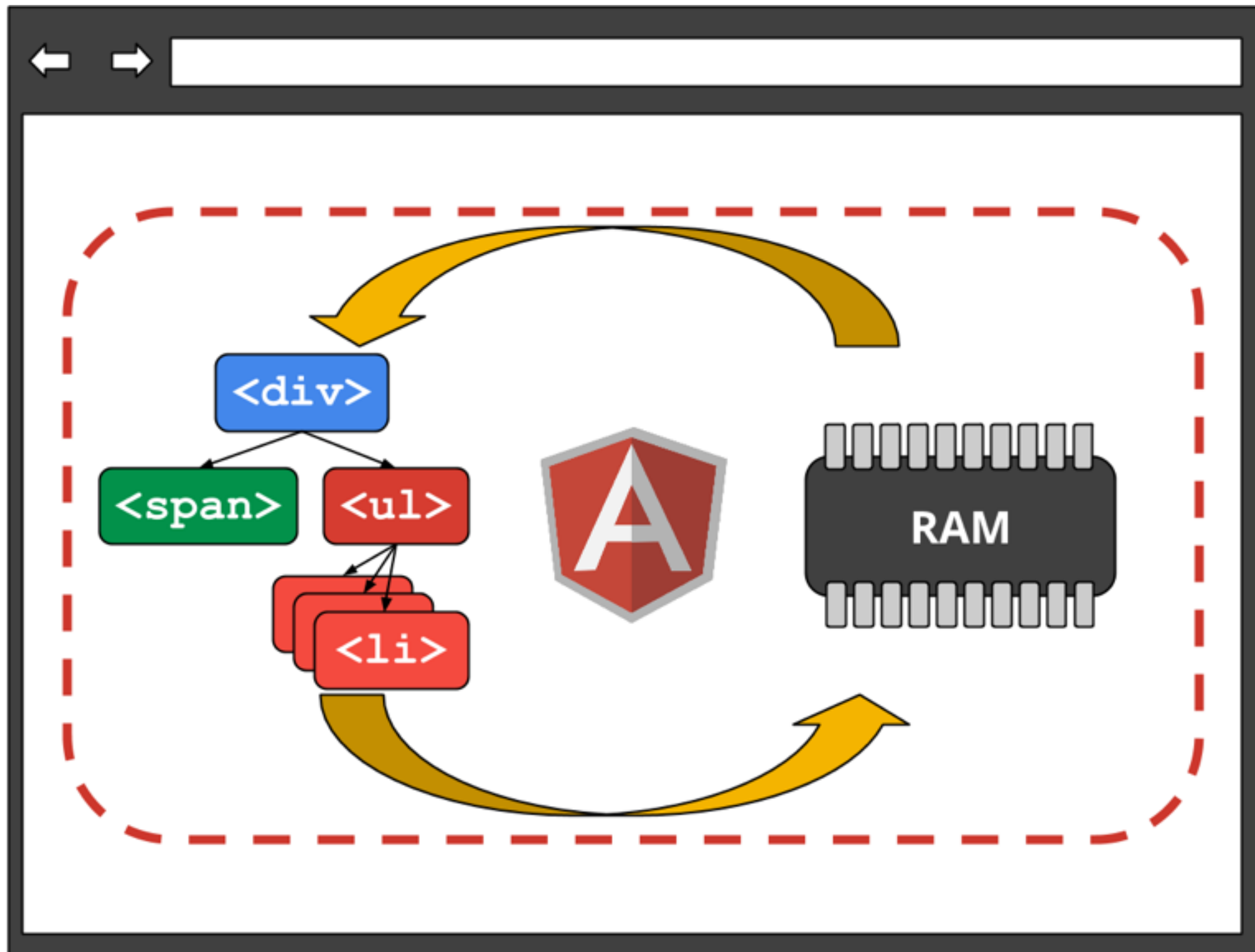


Simple Login service to authenticate users

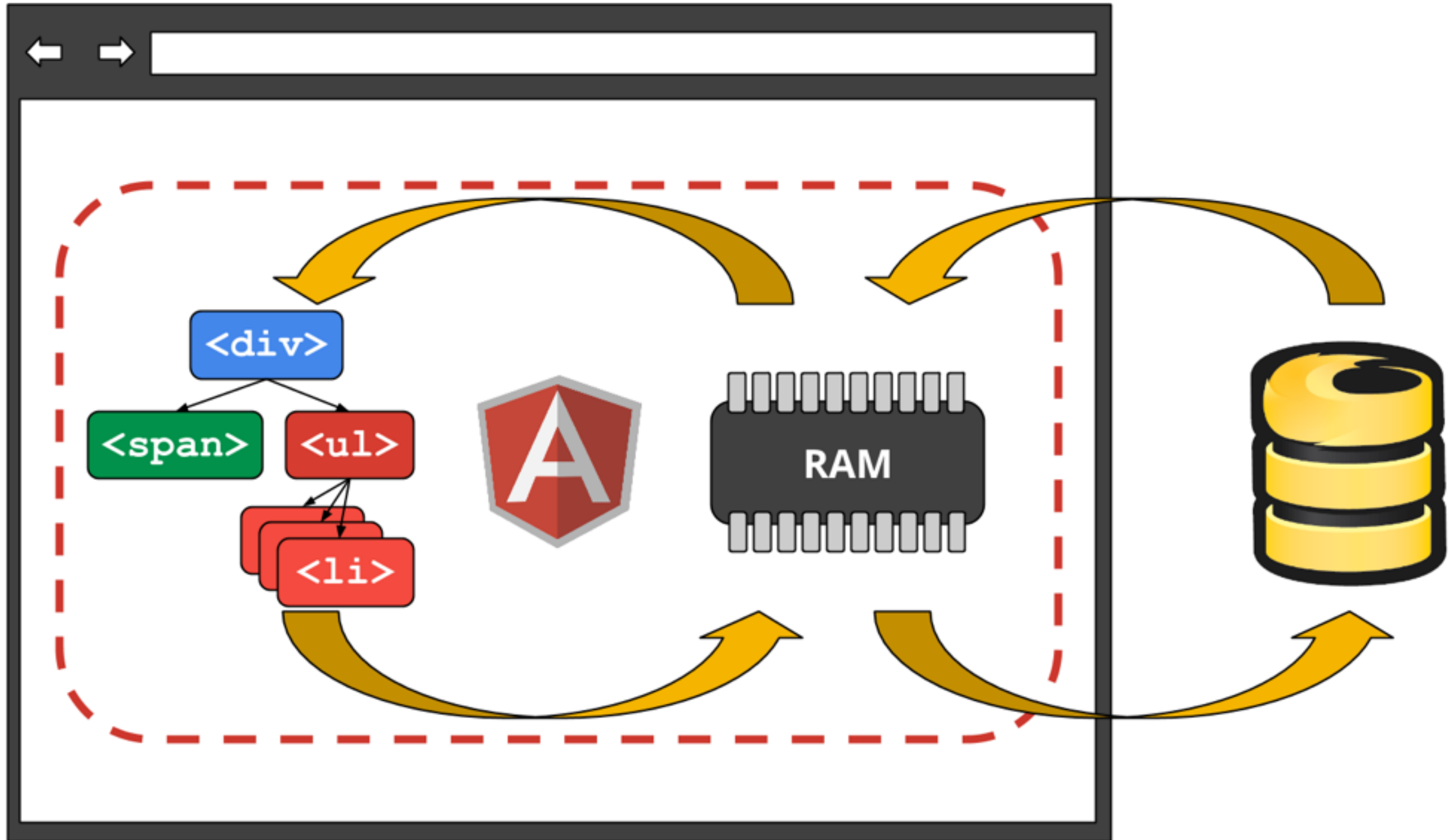


Flexible security system for your data

2-way Data Binding

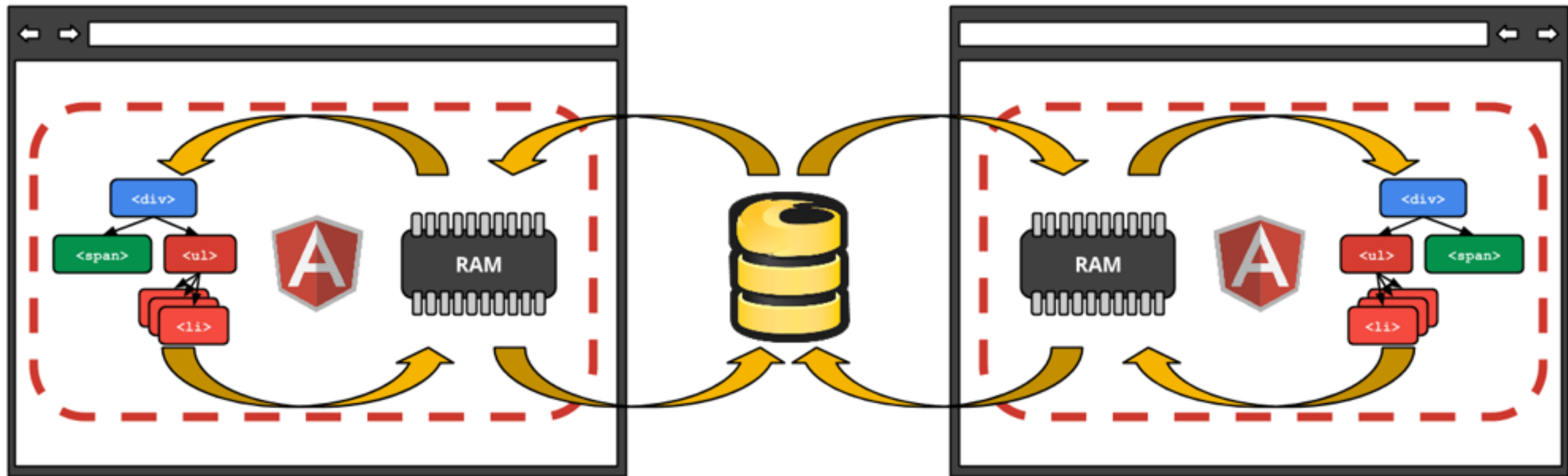


3-way Data Binding

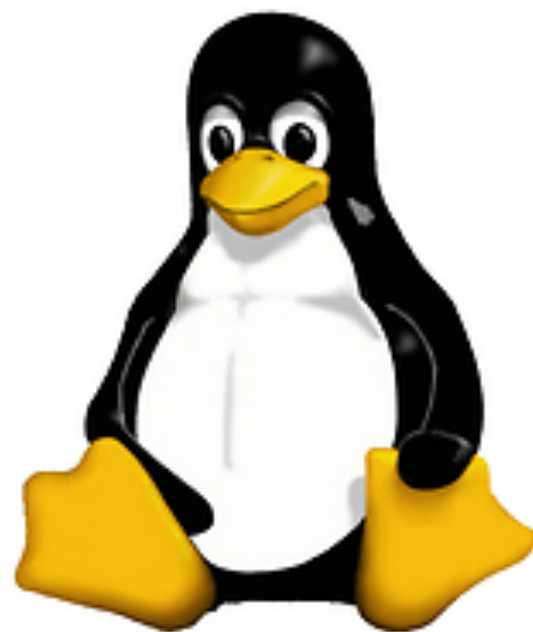


3-way Data Binding

3-way Data Binding



Talk is cheap, show me
the code







Firestore

HOSTING



Firestore

HOSTING



Firestore

HOSTING



Firestore

HOSTING

- Hosting for your app and static assets at firebaseapp.com




Firestore

HOSTING

- Hosting for your app and static assets at firebaseapp.com
- Available **TODAY**




Firestore HOSTING

- Hosting for your app and static assets at firebaseapp.com
- Available **TODAY**
- All for the low price of 



Firestore HOSTING

- Hosting for your app and static assets at firebaseapp.com
- Available **TODAY**
- All for the low price of 
- Deploying your Angular app has never been easier!

Learn More

 @Firebase

- Static Asset Hosting
- Simple Login
- Angular Starter Pack
- Yeoman Integration
- Dart
- And more... !



firebase.com/angular