



backlog4.me

A Personal To Do Application

Meetup Overview

Based on Todoist

About a month to build

Website and Admin Site

Offline synchronization

Secure Logon

Comprehensive Build System

- Javascript
- AngularJS
- Bootstrap
- Bootswatch
- Gulp
- Bower
- npm
- Express
- Mono
- C#
- ServiceStack
- MongoDB
- redis
- nginx



DEMO



Meetup Directory Structure

```
Website
    app/
    bower.json
    bower_components/
    build/
    gulpfile.js
    node_modules/
    package.json
```



Package Managers

NuGet

C#/Xamarin

NPM

Node.js Based Tools

Bower

AngularJS, CSS, etc...

meetup Gulp

```
var gulp = require('gulp'),¬
    → argv = require('yargs').argv,¬
    less = require('gulp-less')-
    tinylr = require('tiny-lr'),-
    express = require('express'), -
10
      path = require('path'),¬
      mainBowerFiles = require('main-bower-files'),
11
12
      del = require('del'), ¬
      rename = require('gulp-rename'),
13
14
      markdown = require('gulp-markdown'),-
      spawn = require('gulp-spawn'),-
15
16
      debug = require('gulp-debug'), -
17
      concat = require('gulp-concat'), -
      sourceMaps = require('gulp-sourcemaps'),-
18
19
      uglify = require('gulp-uglify'),
20
      ngAnnotate = require('gulp-ng-annotate'),-
21
      gulpIf = require('gulp-if'), -
22
      preprocess = require('gulp-preprocess'); -
```



Uses OAuth-like approach

Missing nonce's

Uses JWT's

Authorization Bearer

authService.js

authInterceptor.js

DEMO

Don't put modules in variables to save typing!

Do this to define...

```
angular.module('app.services')
    .factory('authInterceptor', function ($rootScope, $q, $window, apiUrl) {
```

Then this to instantiate...

```
angular.module('app.services', ['app.constants'])
.config(function($httpProvider) {
```





Meetup Canvas Based Chart



DEMO

Meetup CSS Animations

```
.still-stack {-
   width: 80px;-
   height: 80px;
   background: url('images/stacks.png') left center;-
   background-position: 0px;
   display: inline-block;
.refresh-stack {-
···width: 80px;
   height: 80px;
   background: url('images/stacks.png') left center; -
   animation: refresh-play 1.6s steps(16) infinite alternate;
   display: inline-block;
@keyframes refresh-play {-
   100% { background-position: -1280px; }-
```

Meetup Deployment

```
nginx
```

Simpler to configure than Apache?

Hetzner vs. AWS

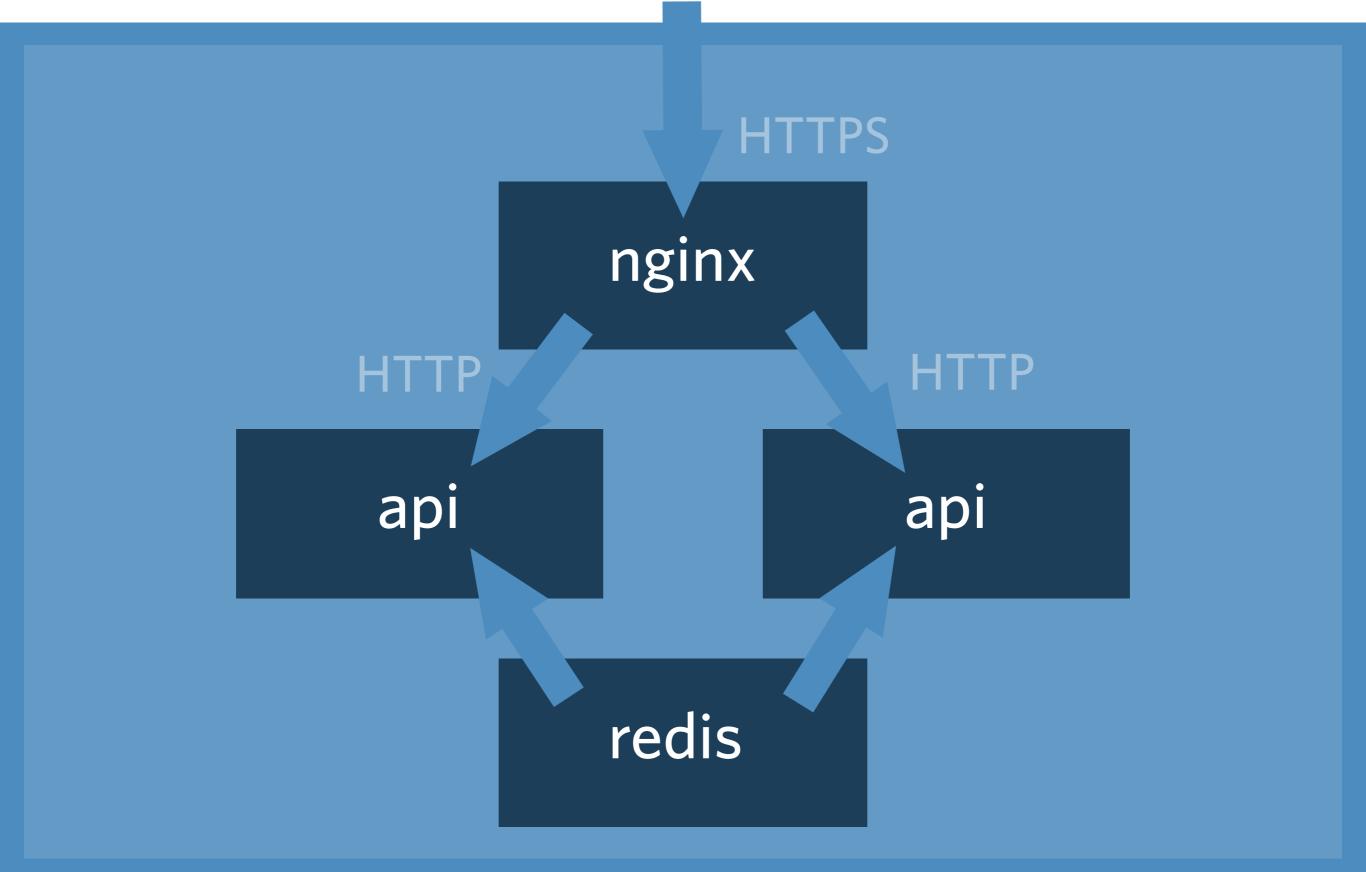
€30 + \$12 (~\$65) vs. \$\$ hundreds 8 core, 2TB storage

HTTPS

Namecheap



Load Balancing And Caching





Fix bugs!

Add tests!

Break out authentication

Bower components

Rewrite REST API

Node.js & Loopback

Where2

An app for figuring out where to meet people

Soapbox

A customizable blogging engine