

Zero to Ready With Geddy

Matthew Eernisse
JingJS Conference, November 2013

Who am I?



Matthew Eernisse
@mde on Twitter/GitHub



Work at Yammer/Microsoft

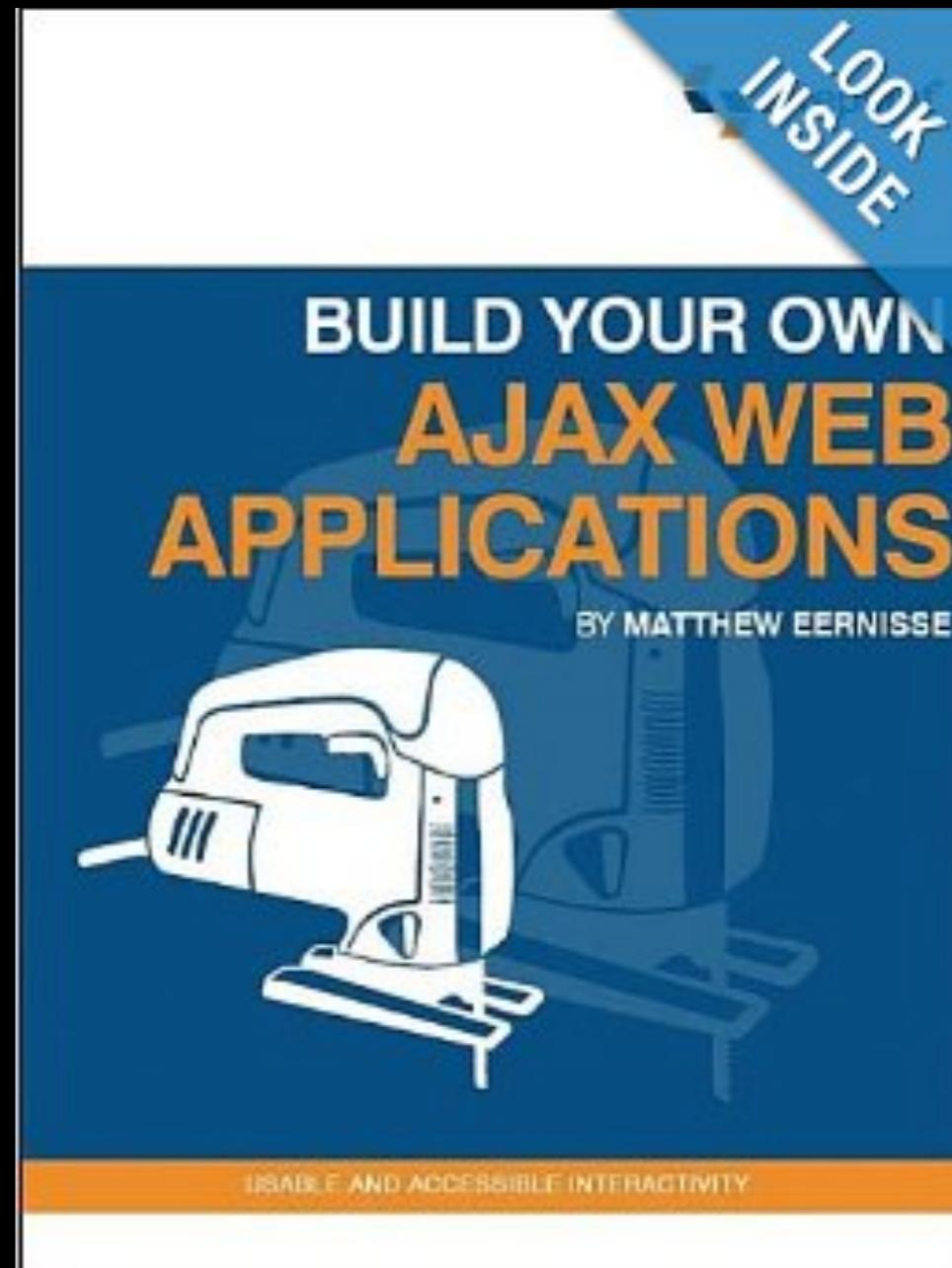
Family





Rock band

JavaScript developer



Let's talk about **Geddy**

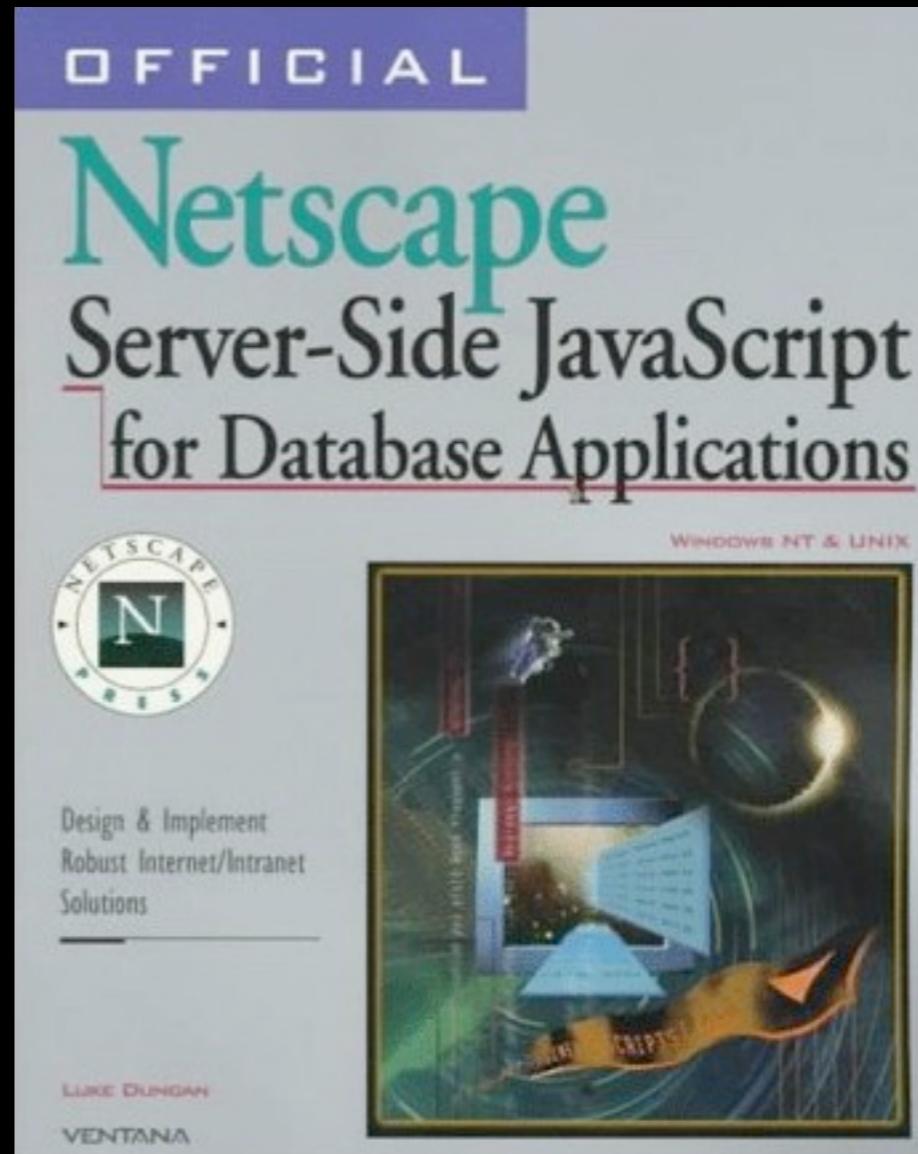
<http://geddyjs.org/>

<https://groups.google.com/group/geddyjs>

#geddy on Freenode.net

WHAT IS GEDDY?

Server-side JavaScript



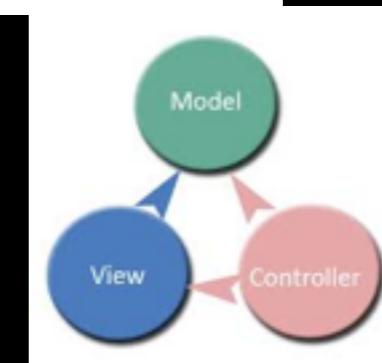
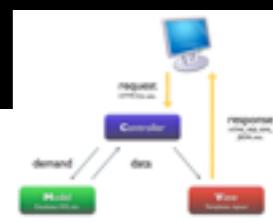
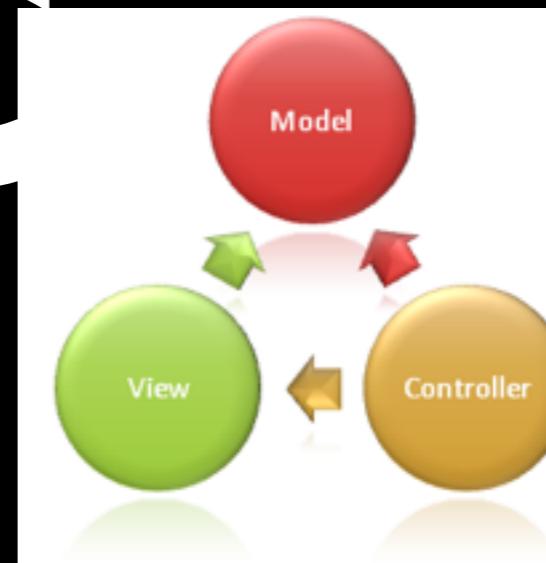
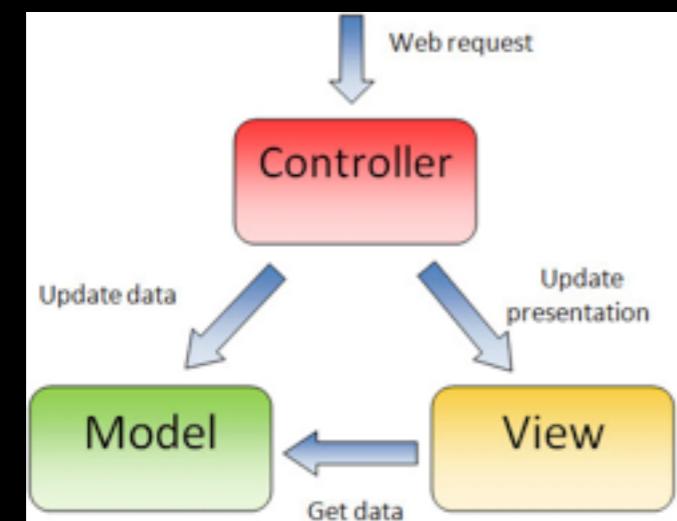
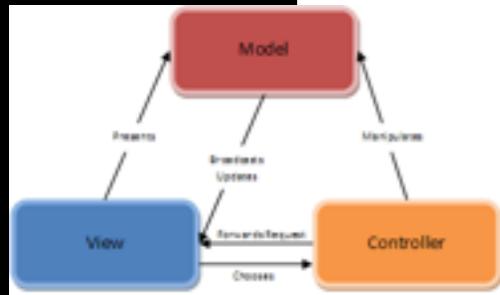
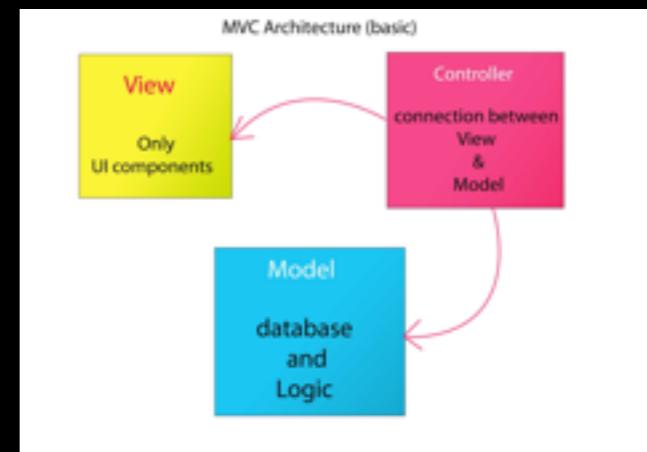
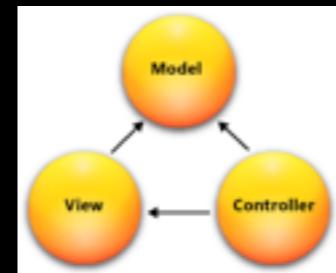


NodeJS

“Evented I/O for V8 JavaScript”

<http://nodejs.org/>

MVC



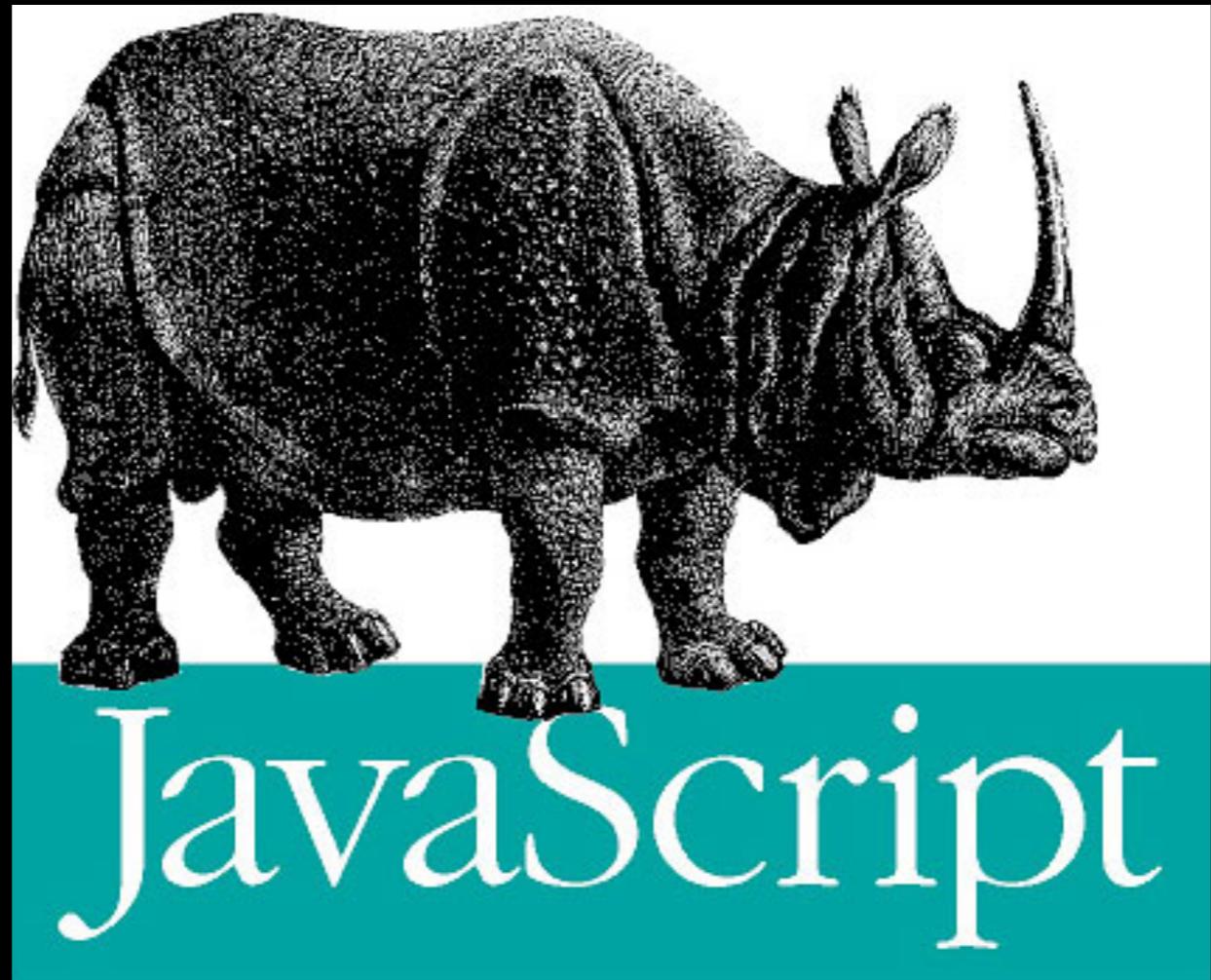
GEDDY IS NOT ...



The Django logo consists of the word "django" in a large, white, lowercase, sans-serif font, centered on a dark green rectangular background.



GEDDY IS ...



“It really is just Node.
Straightforward, readable
Javascript.”



History



WHY?

```
commit 2f5b75fd9ae634f0fec71c9edfd480fedd7dd9c9
Author: mde <mde@dargo.(none)>
Date:   Sat Mar 13 23:17:10 2010 -0800
```

Here we go.

```
commit 98bd5429a26b8f438e1506f5d0b411c4e4b175b2
Author: mde <mde@dargo.(none)>
Date:   Sat Mar 13 23:15:45 2010 -0800
```

First commit.

3 and 1/2 years ago

I wanted an easy way
to build RESTful
APIs.

**Geddy Lee is
the bass player
for the
progressive
rock band
Rush**





TM

Geddy at Yammer

File and image uploads

- One of the first large enterprise Node services
- Minimal v1 in prod, Nov. 2010
- Onboard thumbnailing, remote services for video and document post-processing
- Redis, CORS XHR-push or JSONP for upload-progress

Geddy's features

Now, version 0.11



Supports Node v0.8+

CLI

- Start server
- Generators
- Run Jake (build) tasks
- App console

- Clustering
- Process management
- Log aggregation

- Easy RESTful routes
- Content negotiation
- Simple responders

Baked-in auth with Passport

Templates with partials rendering

- EJS
- Mustache
- Handlebars
- Jade
- Swig

ORM model layer

<https://github.com/mde/model>

- Postgres
- MySQL
- SQLite
- Riak
- MongoDB
- LevelDB
- Filesystem
- In-memory

- Simple JS-object query API
- Validations
- Associations
- Migrations (SQL)
- Streams

Easy custom errors

Sessions

- Cookie
- Memcache
- Redis
- MongoDB
- In-memory

Built-in i18n

- English
- German
- Spanish
- French
- Japanese
- Portuguese
- Russian
- Chinese



Let's take a break.



Our theme:



Getting work done.

Let's get started.

```
$ npm install -g geddy
```

You can install Geddy
as a dependency.

```
$ ./node_modules/geddy/bin/cli.js
```

You can embed Geddy.

```
var geddy = require('geddy');
geddy.startCluster({
  environment: 'production'
});
```

Time for some **code**.

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