

Gimme Bar

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gimmebar.com

Strange Talk

- Less technical
- More stories (-:
- These slides are mostly my speaker notes; you can stop paying attention to them now (-:

In the beginning...

- PHP Community
- Working for agencies
- Third Wave
- Funemployment
- Introduction
- Started Gimme Bar 2010-01



What is Gimme Bar?

- (No, this isn't a pitch, but...)
- A personal utility that allows users to collect and save interesting bits of media.
- (demo)

Tools

- git
- OS X + Linux
- Apache (for now)
- PHP
- Lithium
- jQuery, Less, YUI compressor
- S3 + abstraction + adapters
- Elasticsearch
- FRAPI

Database

- CouchDB
 - new
 - exciting
 - community
 - no SQL
 - map/reduce
- ultimately failed for us

Database

- **MongoDB**
 - better suited for Web
 - PHP extension is great
 - good features
 - querying
 - find and modify
 - replicas
 - asynchronous writes*
 - ported Gimme Bar in
Jan 2011

Architecture

- Avoid bottlenecks
 - front-end (server)
 - *sessions
 - back-end (API)
 - datastore (Mongo)
 - public API (FRAPI) (soon)
- Allow many of each
 - (when necessary)

Development

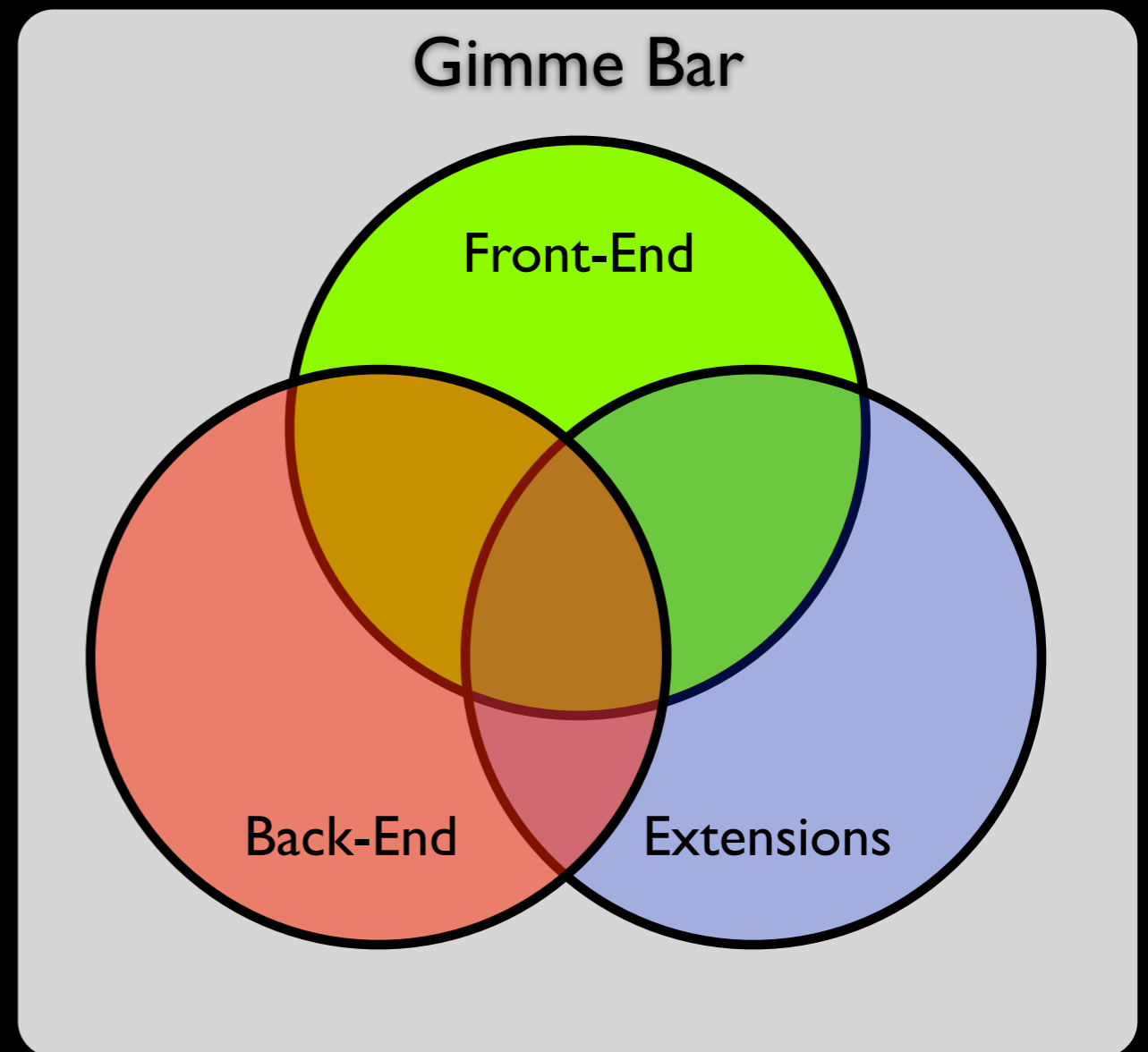
- Virtual Machines running an image that closely resembles production
- Dev VPN to allow on-the-road, and remote-to-remote interaction, demos, debugging.
- VCS strategy: develop in feature branch, merge to master, release to production

Testing

- Benefits of JS
- Progression:
 - PHPUnit + Selenium
 - Node + Selenium
 - Zombie.js
 - Fake
- Webshell!
 - (demo)

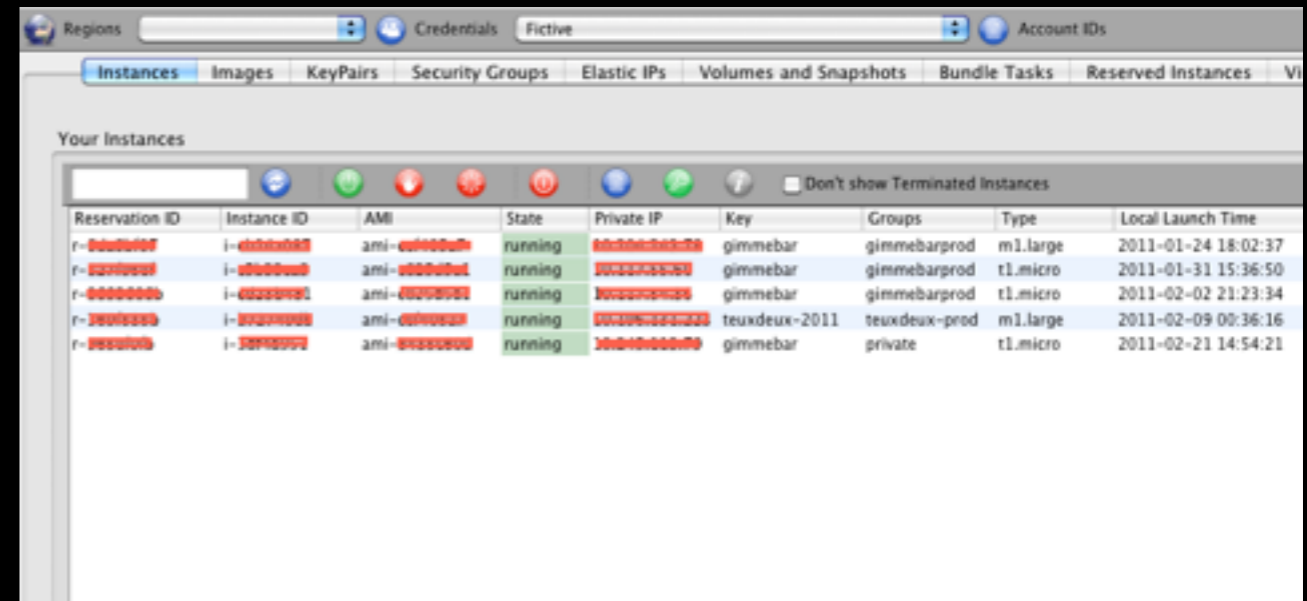
Testing

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- Webshell!
 - (demo)



Deployment

- EC2
 - easy; relatively cheap
 - (for now)
 - clones
- ElasticFox
- Assets on S3
- (Micro instances...)
- Production VPN
- We do what Rasmus said not to do (for now)



The screenshot shows the AWS Management Console interface for EC2 instances. The top navigation bar includes tabs for Regions, Credentials (Fictive), and Account IDs. Below this, there are tabs for Instances, Images, KeyPairs, Security Groups, Elastic IPs, Volumes and Snapshots, Bundle Tasks, and Reserved Instances. The main content area is titled "Your Instances" and contains a table with the following columns: Reservation ID, Instance ID, AMI, State, Private IP, Key, Groups, Type, and Local Launch Time. The table lists five instances, all in a "running" state.

Reservation ID	Instance ID	AMI	State	Private IP	Key	Groups	Type	Local Launch Time
r-04b0f00f	i-04b0f00f	ami-04b0f00f	running	10.0.0.1	gimmebar	gimmebarprod	m1.large	2011-01-24 18:02:37
r-0220f00f	i-0220f00f	ami-0220f00f	running	10.0.0.2	gimmebar	gimmebarprod	t1.micro	2011-01-31 15:36:50
r-0000f00f	i-0000f00f	ami-0000f00f	running	10.0.0.3	gimmebar	gimmebarprod	t1.micro	2011-02-02 21:23:34
r-04b0f00f	i-04b0f00f	ami-04b0f00f	running	10.0.0.4	teuxdeux-2011	teuxdeux-prod	m1.large	2011-02-09 00:36:16
r-0000f00f	i-0000f00f	ami-0000f00f	running	10.0.0.5	gimmebar	private	t1.micro	2011-02-21 14:54:21

Difficult things...

- Bookmarklet
 - CSRF, XSS, Injection
 - Chrome auto-updates
- Page image capture
- IE strategy
- Flickr headache
- Flash sucks
 - no, I mean really sucks
- Project Management

Things we've done wrong (so far)

- Stayed married to tools that weren't meeting our needs
- Developed in a vacuum for too long
- Released without load testing
- Still no automated deployment or pro-active automated tests

Things we've done right (so far)

- **Invitations**
- **Deployed early, fought fires**
- **“Pivot”ed/ing**
- **Abstractions**
- **Embraced JavaScript**
- **Empowered our team**
- **Ability to work offline,
remote**
- **BEER, PIPES, MUSIC**

Reading Log...

Contact

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- Ask me personally for a Gimme Bar invitation, and you can jump the queue (shhhh... don't tell anyone (-:))