



# Drupal and Node.js

Ad hoc caches & Scalable  
Drupal powered web services

# /about/me

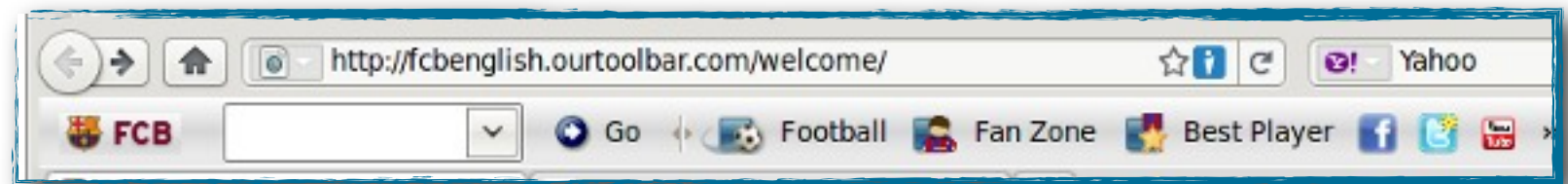
Founder @



Chief Geek @







**swifto** Dog In

## DOG WALKS WHEN YOU NEED THEM

Regular, Scheduled or Last Minute

Meet one of our dog walkers

Within the hour!

Tracking Mobile App Insured and Bonded Private Dog Walks

View your dog on a live map during Your dog, keys, property and more Since we care about your dog and

### CURRENCY RATES

Contract	Bid	Ask
Forex		
EUR/USD	1.3701	1.3704
USD/JPY	78.34	78.37
GBP/USD	1.5947	1.5951
USD/CHF	0.8866	0.8870
AUD/USD	1.0335	1.0340
NZD/USD	0.7940	0.7945
USD/CAD	1.0178	1.0182
Commodities		
GOLD	1715.32	1716.02
SILVER	33.0174	33.0774



Numerology

Neshama Carlebach, music and soul Neshama, as her name

Environmental Social Commentary on Sukkot

Evan Kleinman - "Punk Jews"

A Jewish Conversation on Social Justice Ideas of Tzedek

**“There’s a module for  
that!”**



# Drupal™

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## Services

[View](#)

[Version control](#)

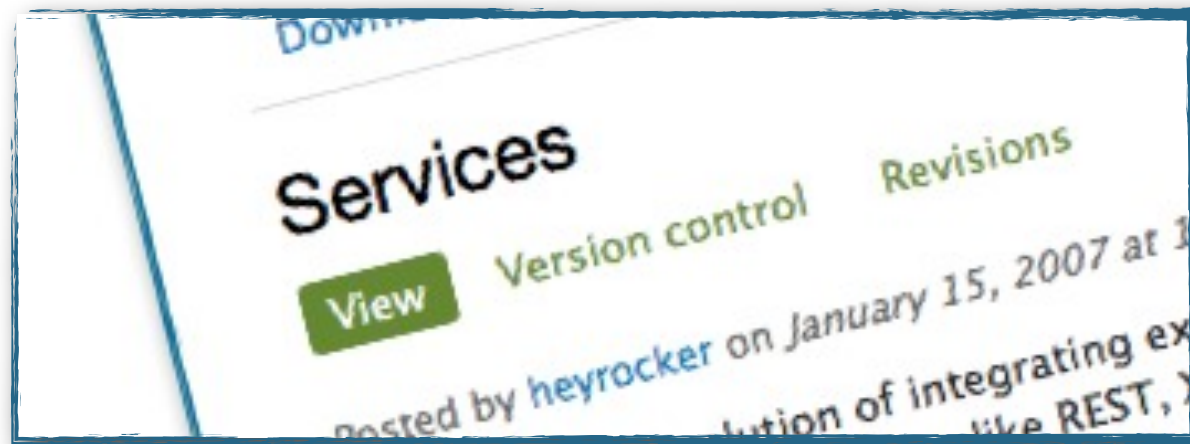
[Revisions](#)

Posted by [heyrock](#) on January 15, 2007 at 10:11pm

A standardized solution of integrating external applications with Drupal. Service callbacks may be used with multiple interfaces like REST, XMLRPC, [JSON](#), [JSON-RPC](#), [SOAP](#), [AMF](#), etc. This allows a Drupal site to provide web services via multiple interfaces while using the same callback code.

**Services 2.x is no longer supported.**

Visit the [Services Handbook](#) for help and information. Subscribe to the [Services Group](#) for news, dates and discussions.



- Multiple response format  
(REST, XMLRPC, JSON, JSON-RPC, SOAP, AMF)
- Pluggeble access control
- Amazing integration with available modules  
(Views, System, node, taxonomy, authentication ... )

but....



# **It's still Drupal**

**And Drupal is not  
a lightweight...**





## Gavri's App



Small ec2 instance



# 1.7 GB of Ram



Free Memory / avg size of process  
= # of **Concurrent** clients

**All Memory - 1700MB**

**Free Memory - 1500MB**

**Avg Drupal process size ~ 30MB**

$$1500 / 30 = 50 \text{ Concurrent}$$



Free Memory / avg size of process  
= **Concurrent clients**

**All Memory - 1700MB**

**Free Memory - 150000k**

**example node.js process size ~ 300k**

$$1500000 / 300 = \mathbf{5000} \text{ Concurrent}$$



```
// Launch express and server  
var express = require('express');  
var app = express.createServer();
```



```
//connect to DB  
var mongoose = require('mongoose');  
var db = mongoose.connect('mongodb://127.0.0.1/meetup');
```

```
// Define Model  
var Schema = mongoose.Schema;  
var IngridientSchema = new Schema({  
  name : String,  
  price : String  
});
```

```
mongoose.model('Ingridient', IngridientSchema);  
var Ingridient = mongoose.model('Ingridient');
```

```
// routing by "express"
app.get('/buy/:ingridient/:price', function(req, res){
  res.send('Buting:' + req.params.ingridient + ' for:' +
req.params.price);
  buy_ingridient(req.params.ingridient, req.params.price);
});

app.get('/list', function(req, res) {
  Ingridient.find({}, function(err, links) {
    res.send(links.map(function(d) {
      console.log(d.toObject());
      return JSON.stringify(d.toObject());
    }));
  });
});

//Launch Server
app.listen(3333);
```

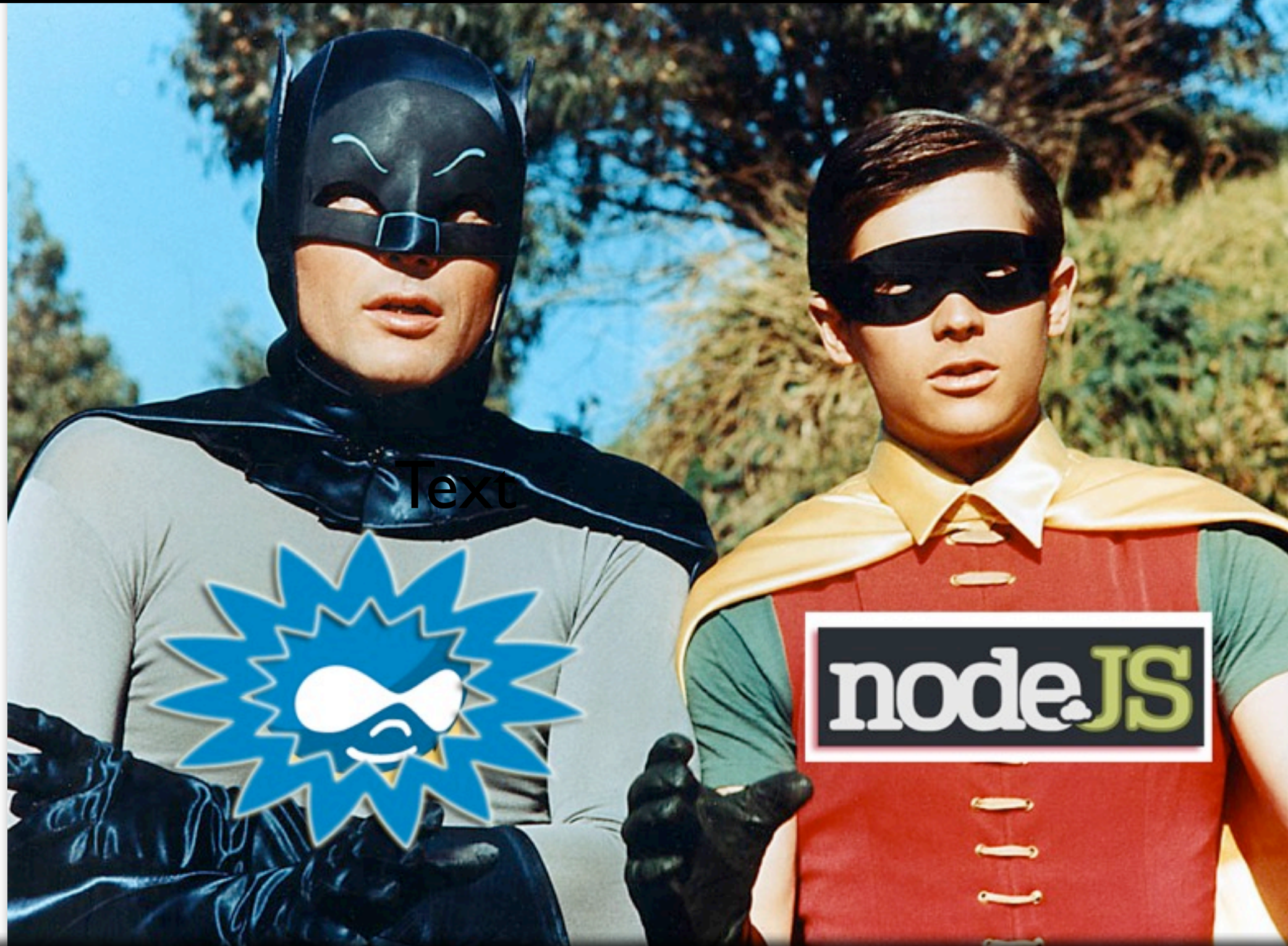


```
//  
function buy_ingradient(ing_name, ing_price){  
  var ingradient = new Ingradient();  
  
  ingradient.name = ing_name;  
  ingradient.price = ing_price;  
  
  ingradient.save(function(err, ingradient_Saved){  
    if(err){  
      throw err;  
      console.log(err);  
    }else{  
      console.log('saved!');  
    }  
  });  
}
```





# THE NEW DYNAMIC DUO







PhoneGap

