

Google™





What's the hubbub about: Google Buzz API's

Chris Chabot
19 may 2010



@chabotc



buzz.google.com/chabotc

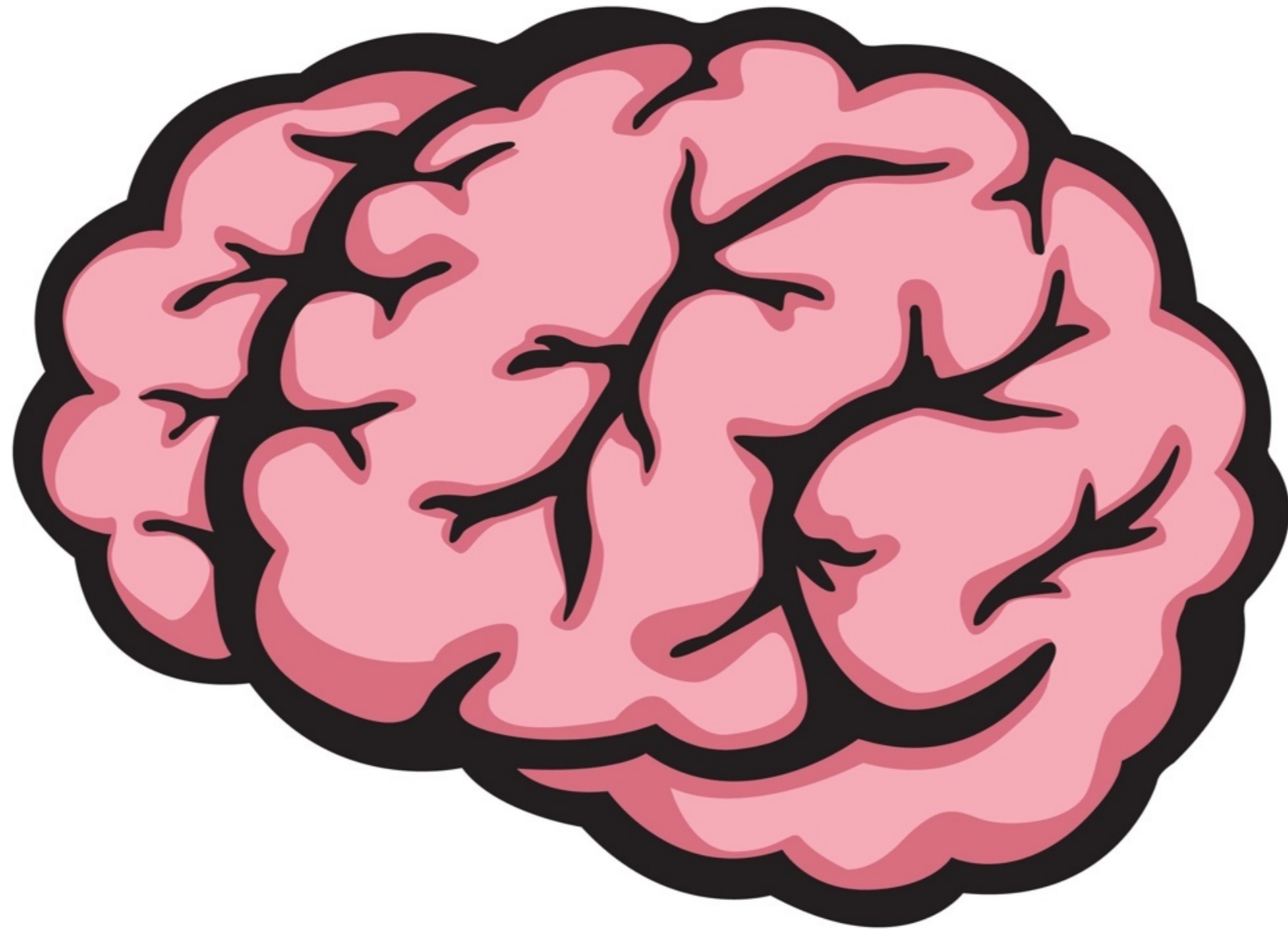
@chabotc

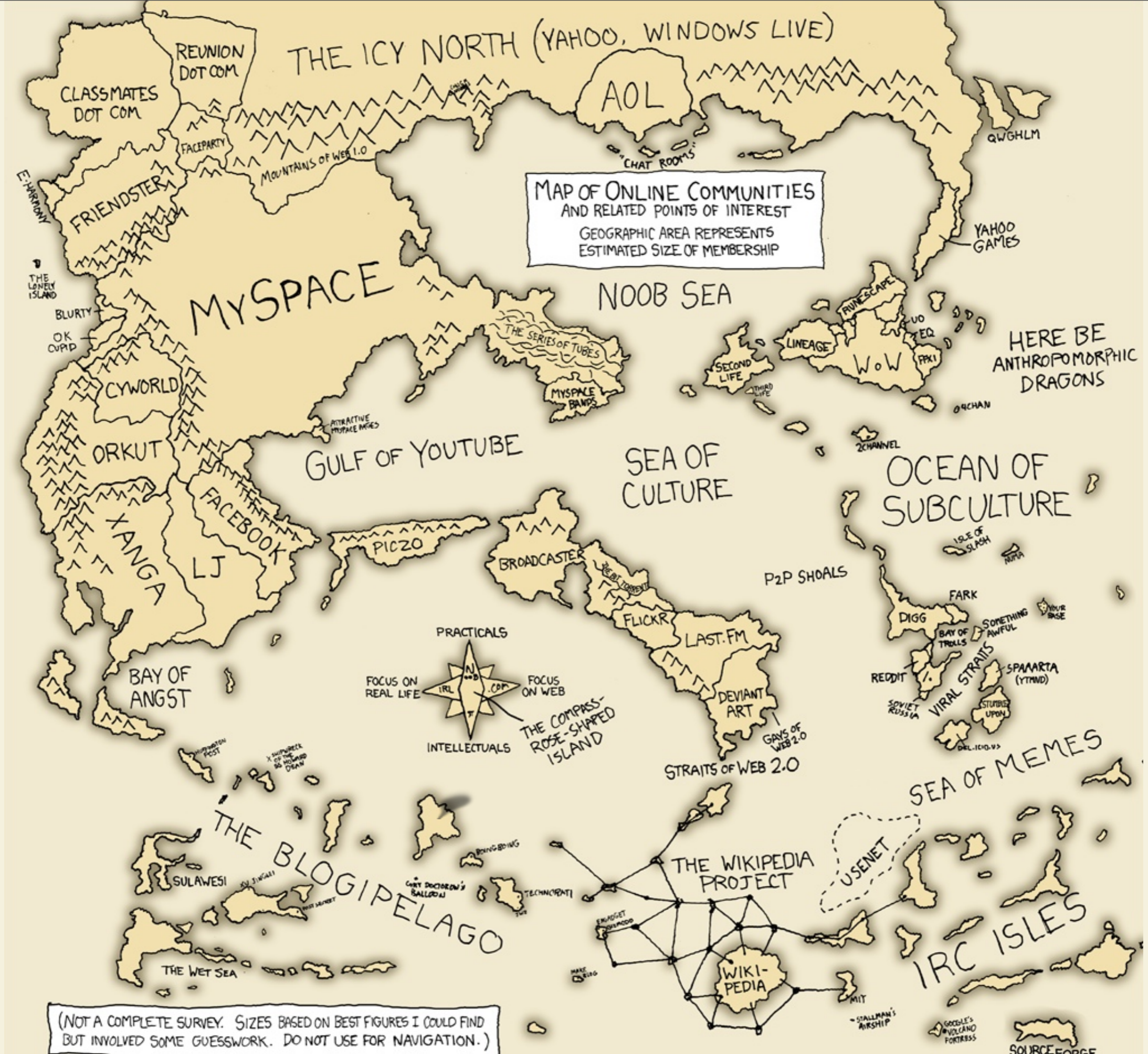


#io #buzzapi



Check out the Google Wave discussion:
<http://j.mp/buzzhubbub>



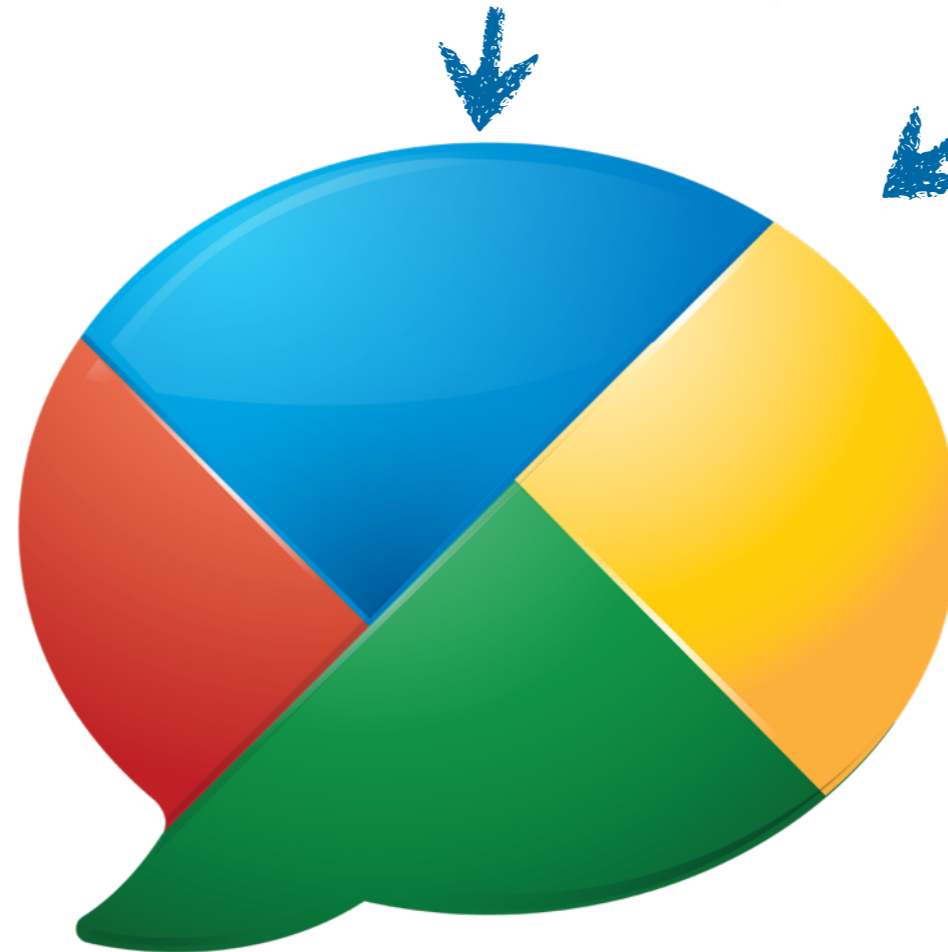
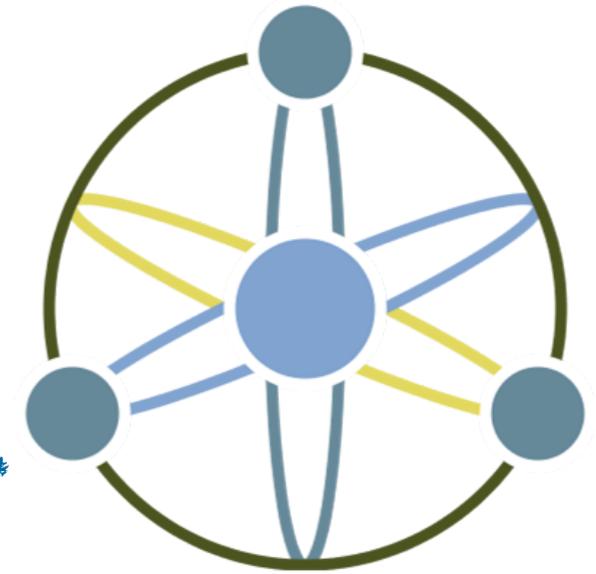


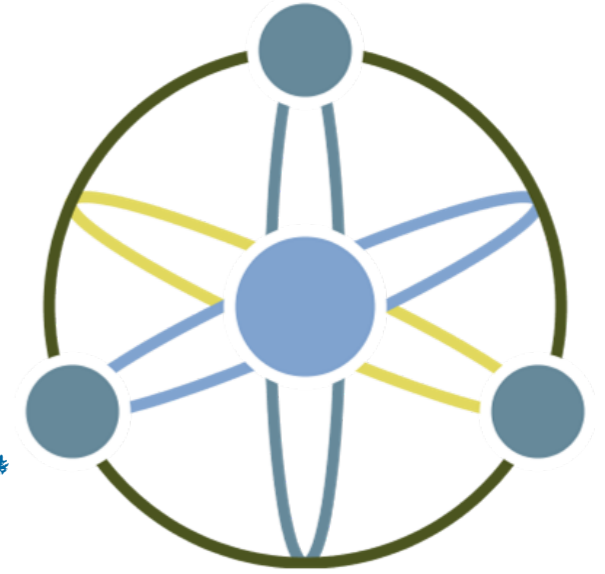
(NOT A COMPLETE SURVEY. SIZES BASED ON BEST FIGURES I COULD FIND BUT INVOLVED SOME GUESSWORK. DO NOT USE FOR NAVIGATION.)

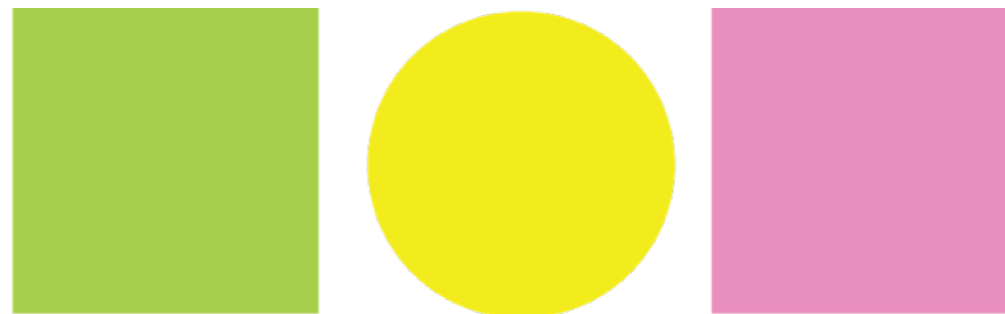
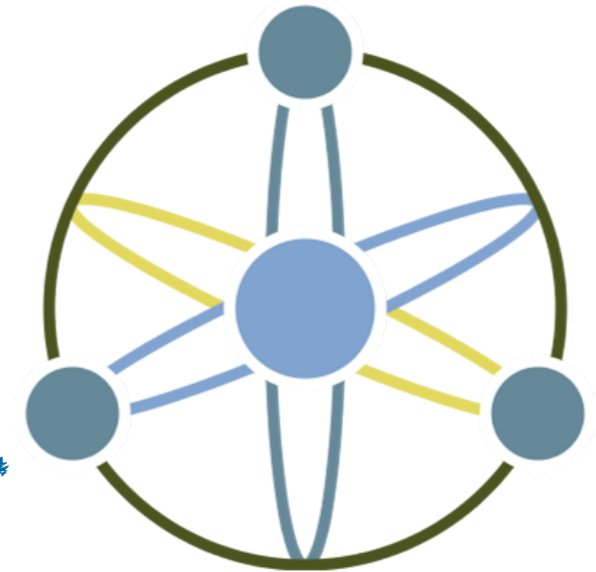
SPRING 2007

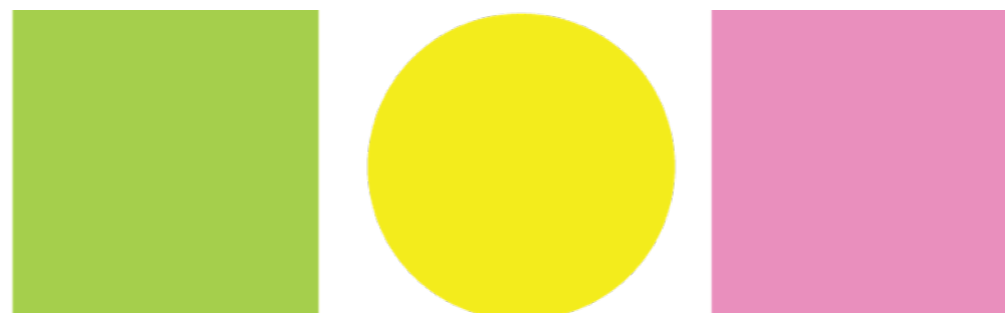
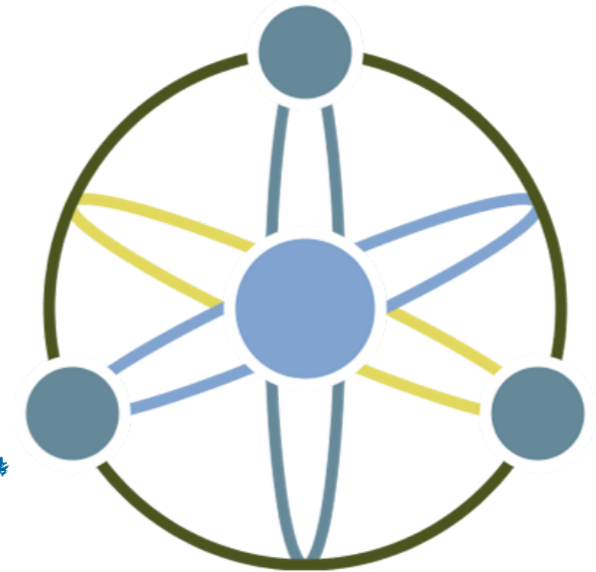


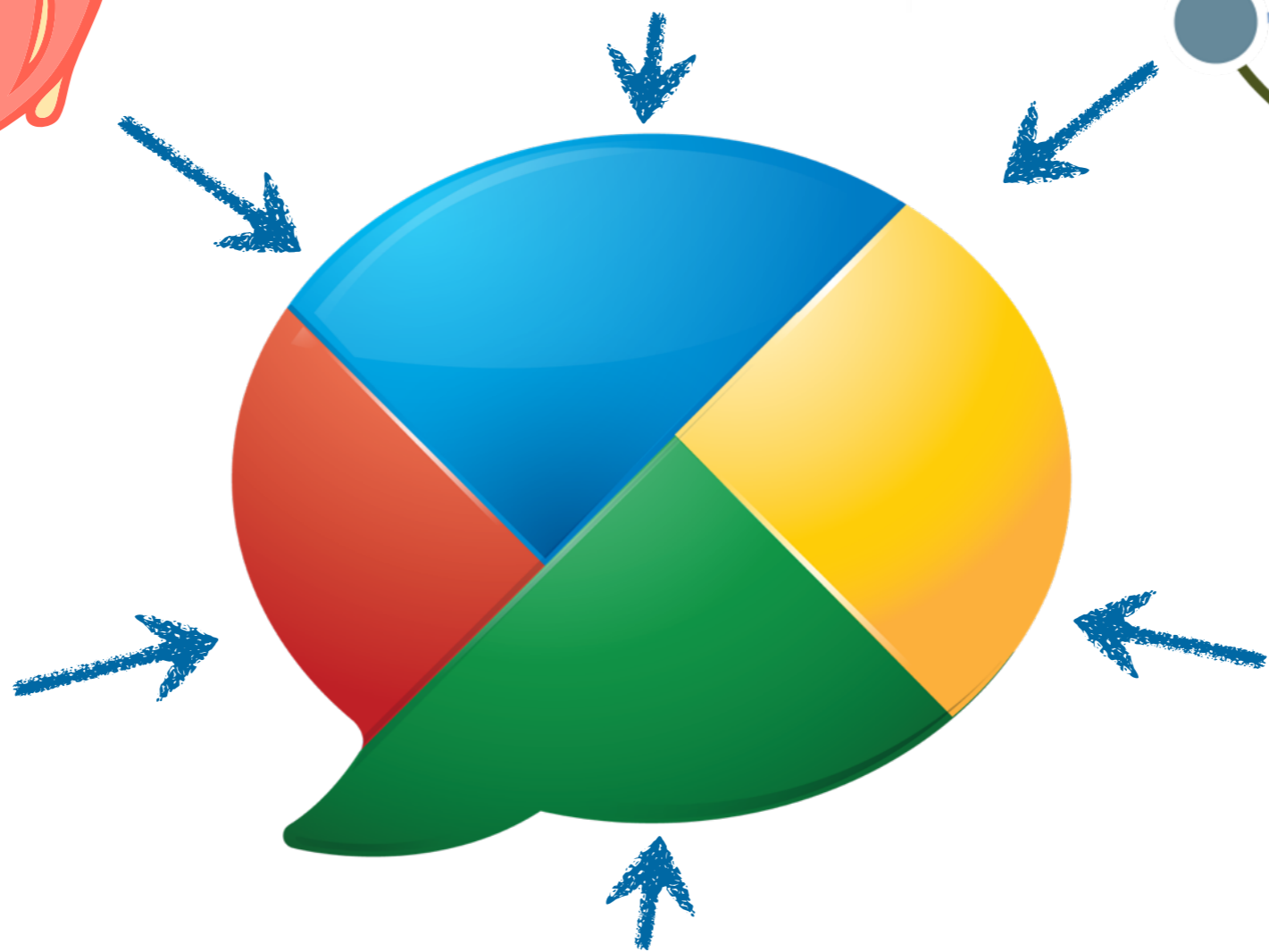
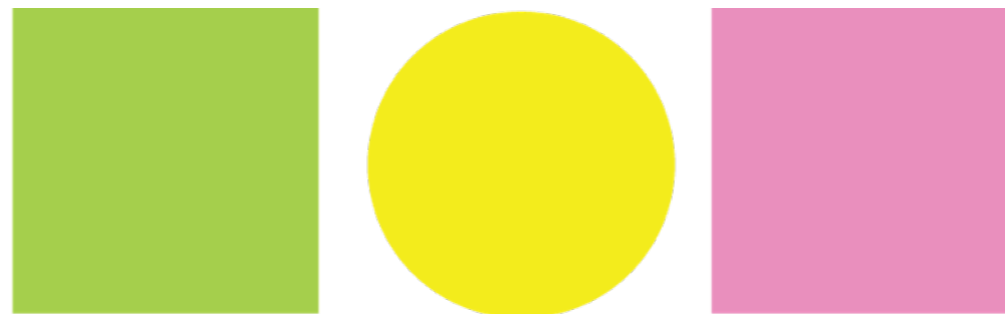
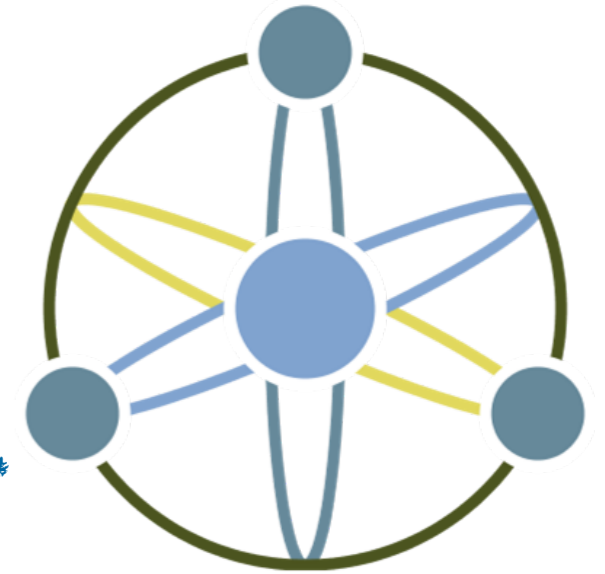












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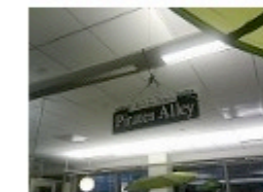
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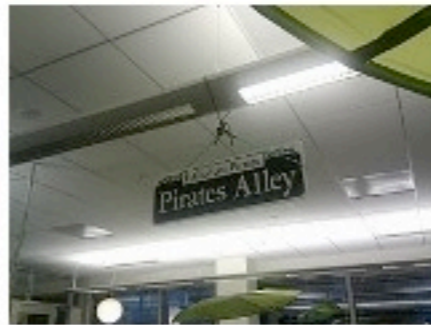


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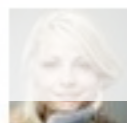
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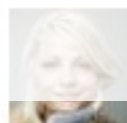
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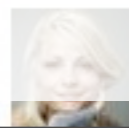
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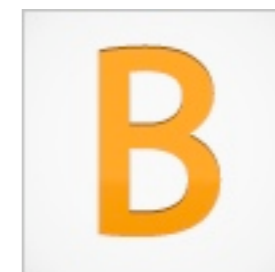
Shareaholic



Klout



Seesmic



Buzzy



Seismic
Marco Kaiser



Socialwok
Ming Guang Yong



Warning!

Let's get started!



Auth url: <https://www.google.com/buzz/api/auth/OAuthAuthorizeToken>

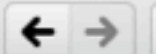
scope: <https://www.googleapis.com/auth/buzz>

domain: www.example.org


iconUrl: <http://www.example.org/icon.png>




https://www.google.com/buzz/api/auth/OAuthAuthorizeToken?scope=https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fbuzz&domain=www.example.org&oauth_token=




Buzz API PHP Client Library Demos is requesting access to **Google Buzz**.
Are you comfortable allowing **Buzz API PHP Client Library Demos** to do the following?

 **Posts**

- See public posts by you and your friends.
- See private posts by you.
- Create and manage posts, with your permission.

 **People**

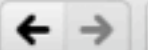
- See your list of followers and people you follow.
- Manage your list of followers and people you follow, with your permission.

 **Personal information**

- See your public Google profile.
- See your email address (so Buzz API PHP Client Library Demos can contact you).

OK, continue

No thanks



Google accounts

The site **www.buzz-demos.com** is requesting access to your Google Account for the product(s) listed below.

 **Google Buzz** - <http://www.google.com/buzz>

Google is not affiliated with www.buzz-demos.com, and we recommend that you grant access only if you trust the site.

If you grant access, you can revoke access at any time under 'My Account'. www.buzz-demos.com will not have access to your password or any other personal information from your Google Account. [Learn more](#)

Grant access

Deny access

If you are not **tinatamarind@gmail.com**, you can [sign in as a different user](#).

<https://www.googleapis.com/buzz/v1/>

<https://www.googleapis.com/buzz/v1/>

<https://code.google.com/apis/buzz/docs/>

<https://www.googleapis.com/buzz/v1/>

<http://code.google.com/p/oacurl/>

<https://www.googleapis.com/buzz/v1/>

<http://code.google.com/p/buzz-php-client/>

<http://code.google.com/p/buzz-python-client/>

<http://code.google.com/p/buzz-java-client/>

<https://www.googleapis.com/buzz/v1/>

alt

- `alt=atom` returns an Atom representation of the data.
- `alt=json` returns a JSON representation of the data.

prettyprint

- If `prettyprint=true`, the results returned by the server will be human readable
- Default: `prettyprint=false`

<https://www.googleapis.com/buzz/v1/activities/@me/@self?alt=json&prettyprint=true>

<https://www.googleapis.com/buzz/v1/>

- `preview=true` preview the operation.
- `max-results=N` maximum number of results.
- `max-liked=N` maximum number of likes
- `max-comments=N` continuation token
- `c={token}` maximum number of comments

<https://www.googleapis.com/buzz/v1/activities/@me/@self?max-results=20&c={token}>

<https://www.googleapis.com/buzz/v1/>

- `q={query}` search.
- `lat, lon, radius` geo location.
- `bbox` bounding box.

<https://www.googleapis.com/buzz/v1/activities/search?q={q}&lat={l}&lon={l}&radius={r}>

<https://www.googleapis.com/buzz/v1/>

ActivityStreams

ActivityStrea.ms



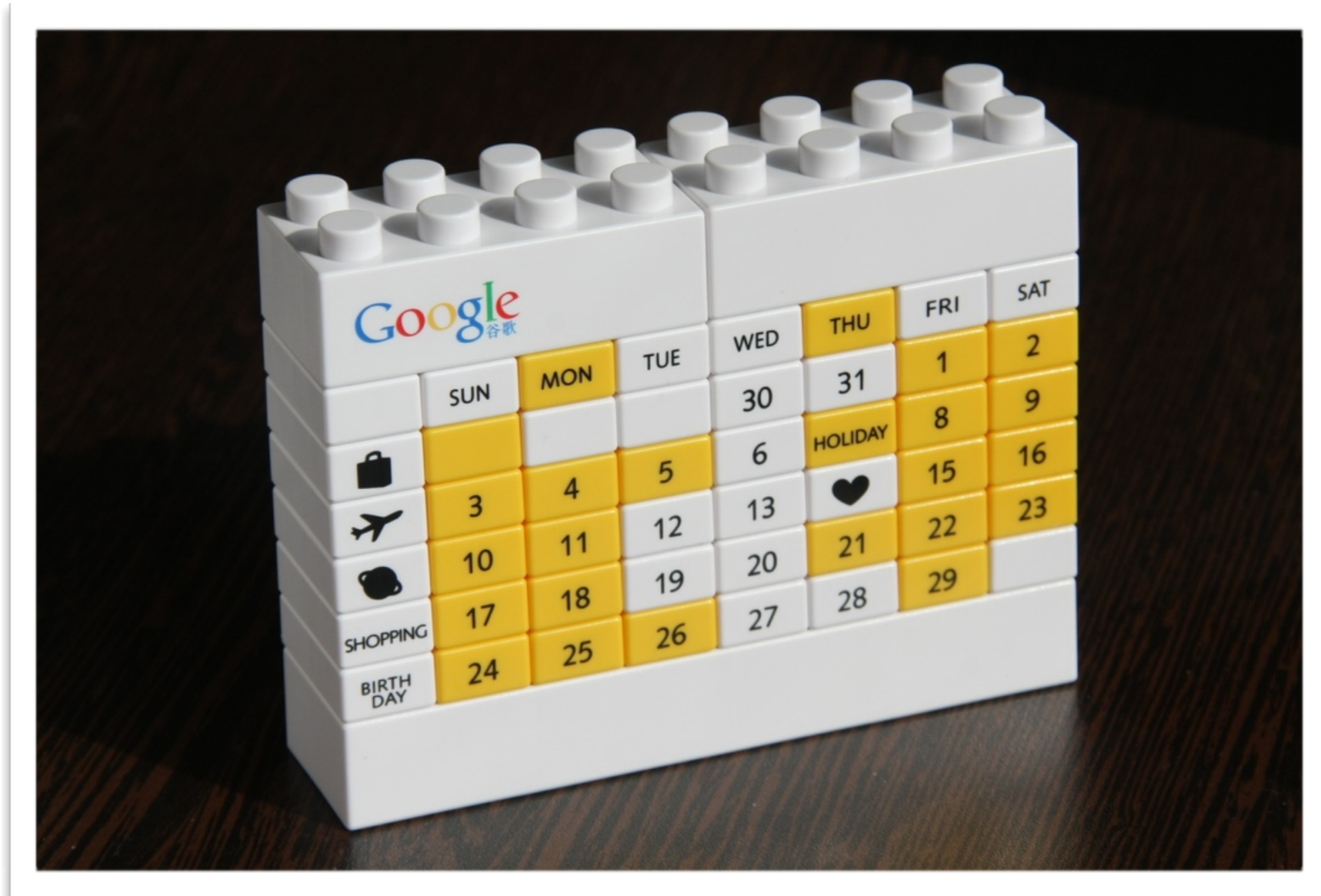
Who?

ActivityStrea.ms



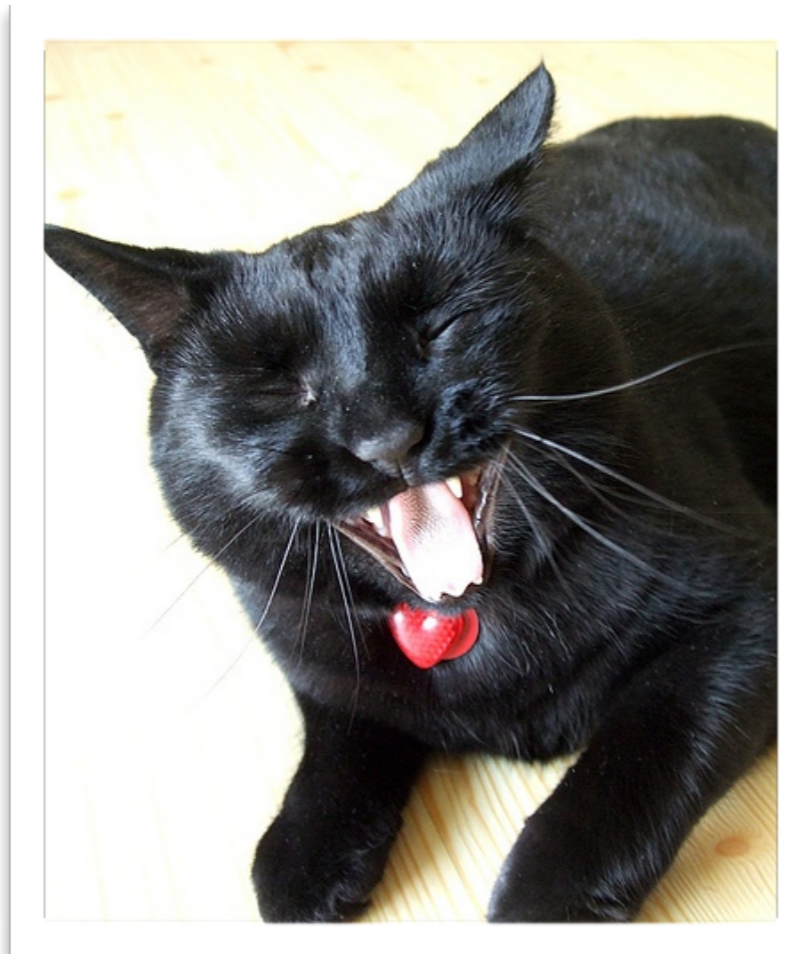
What?

ActivityStream.ms



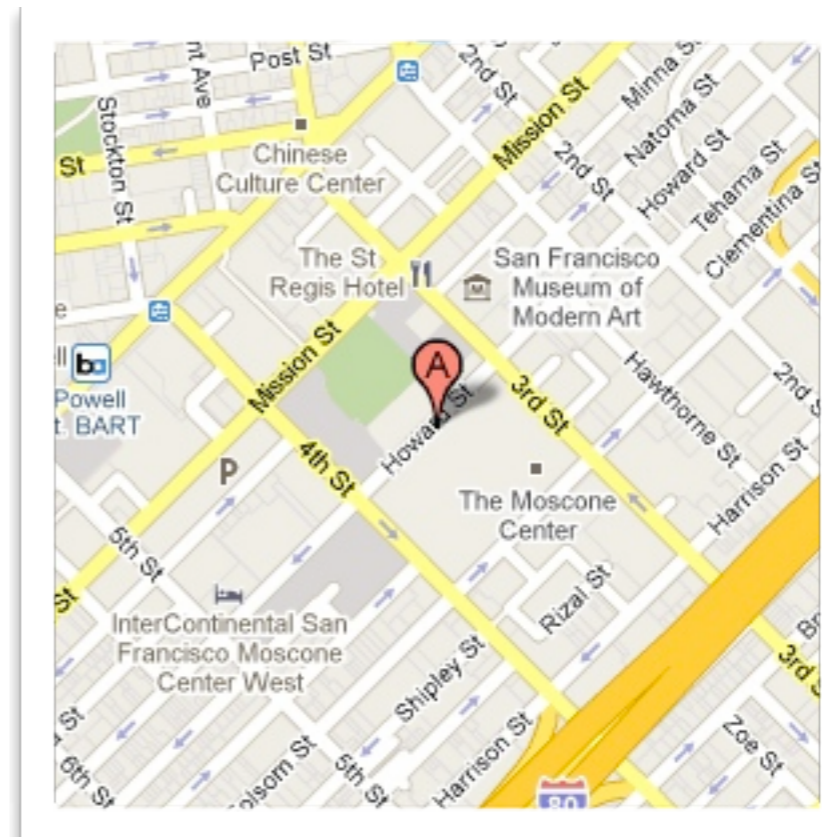
When?

ActivityStream.ms



mood

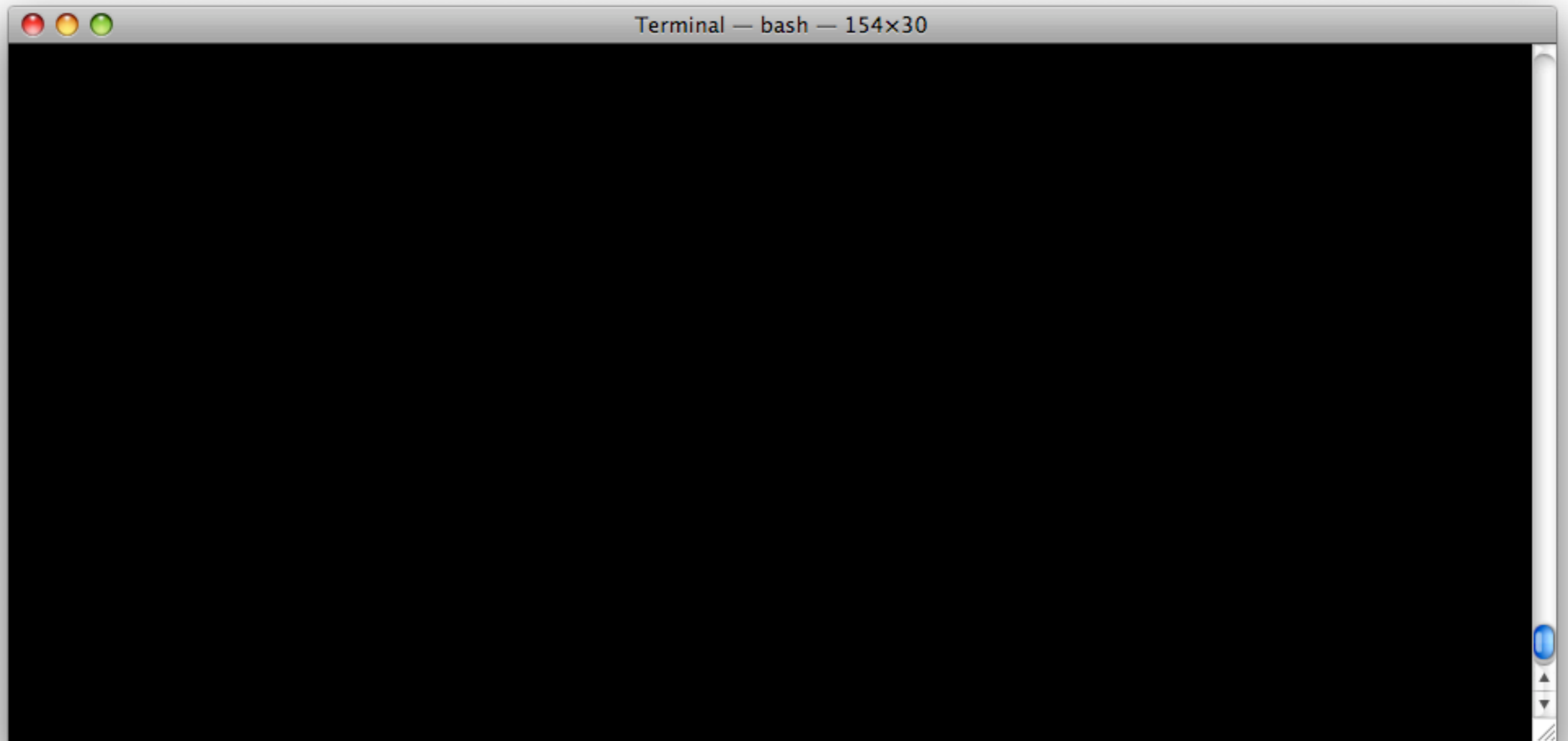
location



Context?

<http://code.google.com/p/oacurl/>

<http://code.google.com/p/oacurl/>



<http://code.google.com/p/oacurl/>

```
Terminal — bash — 154x30  
mac:~ user$ oacurl fetch \  
https://www.googleapis.com/buzz/v1/activities/@me/@self?alt=json&prettyprint=true
```

```
{
  "kind": "buzz#activity",
  "title": "note to self",
  "published": "2010-05-09T02:53:13.000Z",
  "updated": "2010-05-09T02:53:13.730Z",
  "id": "tag:google.com,2010:buzz:foo",
  "links": {
    "liked": [
      {
        "href": "https://www.googleapis.com/buzz/v1/activities/110242419133439594545/@self/tag:google.com,2010:buzz:z13ispojgwqsinyij04chlupum2ytbspsa4/@liked?alt\u003djson",
        "type": "application/json",
        "count": 0
      }
    ],
    "alternate": [
      {
        "href": "http://www.google.com/buzz/a/google.com",
        "type": "text/html"
      }
    ],
    "self": [
      {
        "href": "https://www.googleapis.com/buzz/v1/activities/110242419133439594545/@self/tag:google.com,2010:buzz:z13ispojgwqsinyij04chlupum2ytbspsa4?alt\u003djson",
        "type": "json"
      }
    ]
  }
}
```

```
{
  "kind": "buzz#activity",
  "title": "note to self",
  "published": "2010-05-09T02:53:13.000Z",
  "updated": "2010-05-09T02:53:13.730Z",
  "id": "tag:google.com,2010:buzz:foo",
  "links": {
    "liked": [
      {
        "href": "{url}/{userid}/@self/{commentId}/@liked?alt=json",
        "type": "application/json",
        "count": 4,
        "updated": "2010-05-09T02:53:13.730Z"
      }
    ],
    "alternate": [
      {
        "href": "http://www.google.com/buzz/a/google.com",
        "type": "text/html"
      }
    ],
    "self": [
      {
        "href": "https://www.googleapis.com/buzz/v1/activities/110242419133439594545/@self/tag:google.com,2010:buzz:z13ispojgwqsinyij04chlupum2ytspsa4?alt\u003djson",
        "type": "json"
      }
    ],
    "replies": [
```

```
"href": "https://www.googleapis.com/buzz/v1/activities/110242419133439594545/@self/tag:google.com,
2010:buzz:z13ispojgwsinyij04chlupum2ytbspsa4/@liked?alt\u003djson",
  "type": "application/json",
  "count": 4
}
],
"alternate": [
  {
    "href": "http://www.google.com/buzz/a/google.com",
    "type": "text/html"
  }
],
"self": [
  {
    "href": "https://www.googleapis.com/buzz/v1/activities/110242419133439594545/@self/tag:google.com,
2010:buzz:z13ispojgwsinyij04chlupum2ytbspsa4?alt\u003djson",
    "type": "json"
  }
],
"replies": [
  {
    "href": "{url}/{userId}/@self/{commentId}/@comments?alt=json",
    "type": "application/json",
    "count": 2,
    "updated": "2010-05-09T02:53:13.730Z"
  }
]
},
"actor": {
  "id": "110242419133439594545",
  "name": "Chris Chabot",
  "profileUrl": "http://www.google.com/profiles/a/google.com/110242419133439594545",
  "thumbnailUrl": ""
},
"verbs": [
  "post"
],
"object": {
  "type": "note",
  "content": "content goes here",
```

```
"type": "text/html"
},
"self": [
  {
    "href": "https://www.googleapis.com/buzz/v1/activities/110242419133439594545/@self/tag:google.com,2010:buzz:z13ispojgwsinyij04chlupum2ytspsa4?alt\u003djson",
    "type": "json"
  }
],
"replies": [
  {
    "href": "{url}/{userId}/@self/{commentId}/@comments?alt=json",
    "type": "application/json",
    "count": 2,
    "updated": "2010-05-09T02:53:13.730Z"
  }
]
},
"actor": {
  "id": "110242419133439594545",
  "name": "Chris Chabot",
  "profileUrl": "{url}/chabotc",
  "thumbnailUrl": "{url}/chabotc/thumb.jpg"
},
"verbs": [
  "post"
],
"object": {
  "type": "note",
  "content": "content goes here",
  "links": {
    "alternate": [
      {
        "href": "http://www.google.com/buzz/a/google.com",
        "type": "text/html"
      }
    ]
  }
}
},
"source": {
  "title": "Buzz"
```



```
2010:z13ispojgwsinyij04chlupum2ytspsa4?alt\u003djson",
```

```
  "type": "json"
},
"replies": [
  {
    "href": "{url}/{userId}/@self/{commentId}/@comments?alt=json",
    "type": "application/json",
    "count": 2,
    "updated": "2010-05-09T02:53:13.730Z"
  }
],
"actor": {
  "id": "110242419133439594545",
  "name": "Chris Chabot",
  "profileUrl": "{url}/chabotc",
  "thumbnailUrl": "{url}/chabotc/thumb.jpg"
},
"verbs": [
  "post"
],
"object": {
  "type": "note",
  "content": "content goes here",
  "links": {
    "alternate": [
      {
        "href": "http://www.google.com/buzz/a/google.com",
        "type": "text/html"
      }
    ]
  }
},
"source": {
  "title": "Buzz"
},
"visibility": {
  "entries": [
    {
      "id": "https://www.googleapis.com/buzz/v1/people/@me/@groups/@public?alt\u003djson",
      "title": "Public"
    }
  ]
}
```

```
"name": "Chris Chabot",
"profileUrl": "{url}/chabotc",
"thumbnailUrl": "{url}/chabotc/thumb.jpg"
},
"verbs": [
  "post"
],
"object": {
  "type": "note",
  "content": "content goes here",
  "links": {
    "alternate": [
      {
        "href": "http://www.google.com/buzz/a/google.com",
        "type": "text/html"
      }
    ]
  }
},
},
"source": {
  "title": "Buzz"
},
"visibility": {
  "entries": [
    {
      "id": "https://www.googleapis.com/buzz/v1/people/@me/@groups/@public?alt\u003djson",
      "title": "Public"
    }
  ]
}
}
```

```
},
"verbs": [
  "post"
],
"object": {
  "type": "note",
  "content": "content goes here",
  "links": {
    "alternate": [
      {
        "href": "http://www.google.com/buzz/a/google.com",
        "type": "text/html"
      }
    ]
  }
},
"source": {
  "title": "Buzz"
},
"visibility": {
  "entries": [
    {
      "id": "{url}/people/@me/@groups/@public?alt=json",
      "title": "Public"
    }
  ]
}
}
```

```
"alternate": [  
  {  
    "href": "http://www.google.com/buzz/a/google.com",  
    "type": "text/html"  
  }  
],  
"source": {  
  "title": "Buzz"  
},  
"visibility": {  
  "entries": [  
    {  
      "id": "{url}/people/@me/@groups/@public?alt=json",  
      "title": "Public"  
    }  
  ]  
},  
"geocode": "37.783471 -122.39922",  
"address": "701-737 Folsom St, San Francisco, CA 94103, USA",  
"placeName": "300 3rd St, San Francisco, CA 94107"  
}
```

```
],
"replies": [
  {
    "href": "{url}/{userId}/@self/{commentId}/@comments?alt=json",
    "type": "application/json",
    "count": 2,
    "updated": "2010-05-09T02:53:13.730Z"
  }
]
},
"actor": {
  "id": "110242419133439594545",
  "name": "Chris Chabot",
  "profileUrl": "{url}/chabotc",
  "thumbnailUrl": "{url}/chabotc/thumb.jpg"
},
"verbs": [
  "post"
],
"object": {
  "type": "note",
  "content": "content goes here"
},
"source": {
  "title": "Buzz"
},
"visibility": {
  "entries": [
    {
      "id": "https://www.googleapis.com/buzz/v1/people/@me/@groups/@public?alt\u003djson",
      "title": "Public"
    }
  ]
}
}
```



Tina Tamarind - Buzz - Public

9:18 am

 Comment 

Check out this awesome Google Buzz API documentation!

https://code.google.com/apis/buzz/v1/using_rest.html [Edit](#)

[Google Buzz API - Google Code](#)

 [Comment](#)  [Like](#)  [Email](#)

```
"object": {
  "type": "note",
  "content": "content goes here",
  "attachments": [
    {
      "type": "article",
      "title": "Name of the link",
      "links": {
        "alternate": [
          {
            "href": "{url}/to/article.html",
            "type": "text/html"
          }
        ]
      }
    ]
  ]
}
```



Cami Crepe - Buzz - Public

May 12

[Comment](#)

Thanks for letting me visit @Timothy Jordan and @Will Norris. Pirates alley was so cool!



Timothy Jordan - It was great having you here! You should visit again soon! May 12

Will Norris - I enjoyed the visit... you're certainly welcome back anytime! May 12

[Comment](#) [Like](#) [Email](#)


```
"object": {
  "type": "note",
  "content": "content goes here",
  "attachments": [
    {
      "type": "photo",
      "links": {
        "preview": [
          {
            "href": "{google}/{url}/image_thumb.jpg",
            "type": "image/jpeg"
          }
        ],
        "enclosure": [
          {
            "href": "{google}/{url}/image.jpg",
            "type": "image/jpeg",
            "height": 190,
            "width": 260
          }
        ]
      }
    }
  ]
}
```

```
"object": {
  "type": "note",
  "content": "content goes here",
  "attachments": [
    {
      "type": "video",
      "title": "video description goes here",
      "links": {
        "alternate": [
          {
            "href": "http://www.youtube.com/watch?v=abcdef",
            "type": "text/html"
          }
        ],
        "preview": [
          {
            "href": "{url}/default.jpg",
            "type": "image/jpeg"
          },
          {
            "href": "{url}/proxy?thumbnail_default.jpg",
            "type": "image/jpeg"
          }
        ]
      }
    }
  ]
}
```

```
]
}
}
```

ActivityStreams

Verbs

Favorite
Follow
Friend
Join
Play
Post
Save
Share
Tag
Update

Objects

Article	Photo
Audio	Photo Album
Bookmark	Place
Comment	Playlist
File	Product
Folder	Review
Group	Service
List	Status
Note	Video
Person	

ActivityStreams

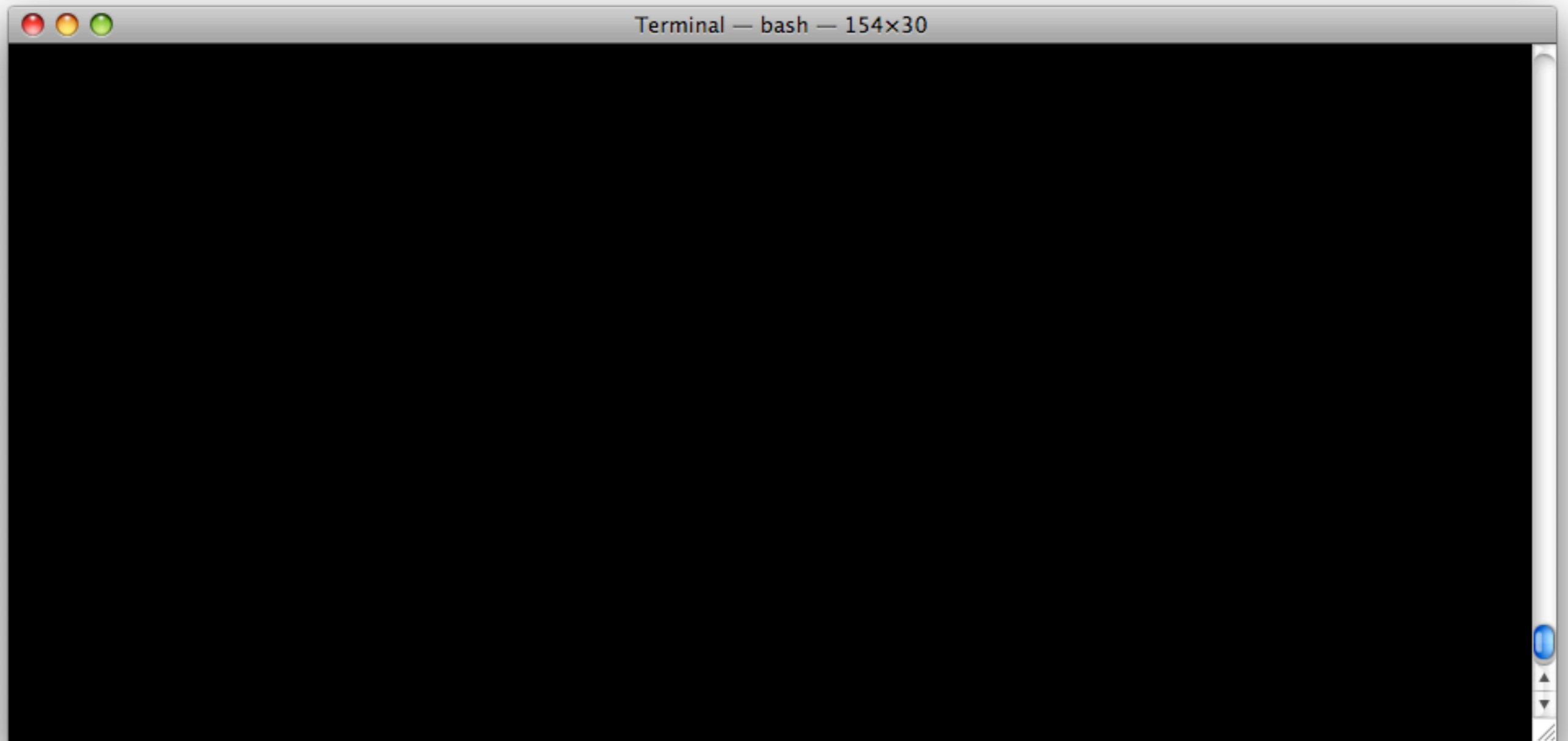
Verbs

Favorite
Follow
Friend
Join
Play
Post
Save
Share
Tag
Update

Objects

Article	Photo
Audio	Photo Album
Bookmark	Place
Comment	Playlist
File	Product
Folder	Review
Group	Service
List	Status
Note	Video
Person	

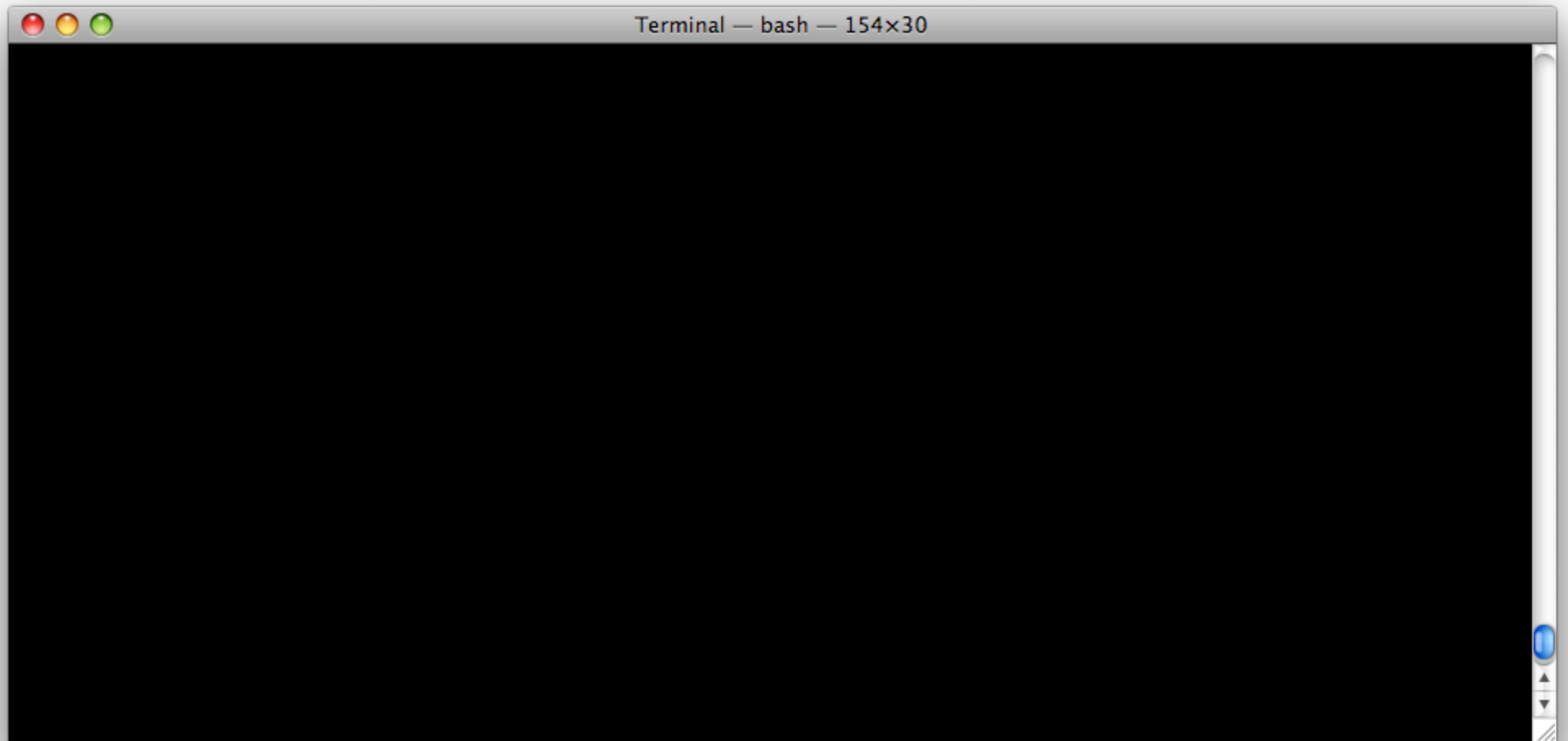
<http://code.google.com/p/oacurl/>



<http://code.google.com/p/oacurl/>

```
Terminal — bash — 154x30
mac:~ user$ echo \
  {
    "data": {
      "object": {
        "type": "note",
        "content": "Bzz! Bzz! via JSON"
      }
    }
  } | oacurl -t JSON -X POST \
  "https://www.googleapis.com/buzz/v1/activities/@me/@self?alt=json"
```

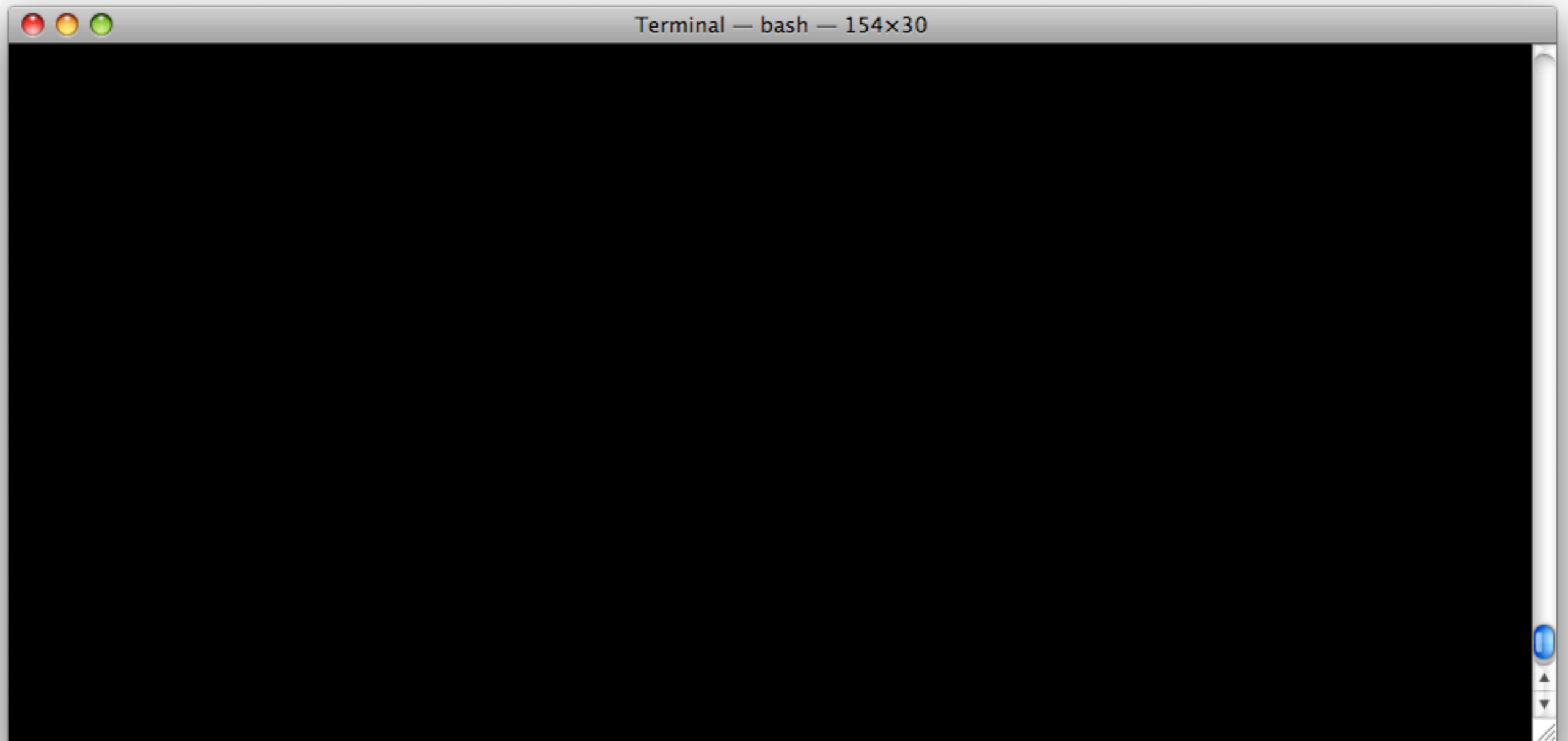
<http://code.google.com/p/oacurl/>



<http://code.google.com/p/oacurl/>

```
Terminal — bash — 154x30
mac:~ user$ echo '' | oacurl -X PUT \
    "https://www.googleapis.com/buzz/v1/activities/@me/@liked/{commentId}"
```


<http://code.google.com/p/oacurl/>



<http://code.google.com/p/oacurl/>

```
Terminal — bash — 154x30
mac:~ user$ oacurl -X DELETE \
    "https://www.googleapis.com/buzz/v1/activities/@me/@liked/{commentId}"
```

<http://code.google.com/p/buzz-php-client/>

Buzz API Demo

Get the consumption stream

Get the public stream

Edit a post

(un)Like a post

Delete a post

Create a post

Create a post with a link

Create a post with a photo attachment.

Add or Edit comments

Follow someone.

Stop following someone.

Search for Buzz Posts.

Search for people.

Get following.

Get follows

Get groups

Buzz API PHP Client Library

Buzz API Demo - getConsumptionStream

[\[Back to index \]](#)

Tina Tamarind My day hasn't really started until I had my first coffee!

1 people liked this: [Cami Crepe](#)

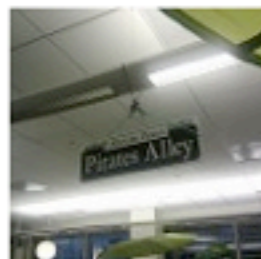


Tina Tamarind My first buzz!

Barney Bacon Hey, nice one! Are you still up for the BBQ this weekend?



Cami Crepe Thanks for letting me visit [@Timothy Jordan](#) and [@Will Norris](#). Pirates alley was so cool!



Timothy Jordan It was great having you here! You should visit again soon!

Will Norris I enjoyed the visit... you're certainly welcome back anytime!



Cami Crepe Just had a great visit to the Googleplex! Stan the T-Rex is doing ballet nowadays.



```

<?php
require_once '../src/buzz.php';

$storage = new buzzFileStorage('/tmp/buzzCache');

session_start();
$localUserId = session_id();

$auth = buzzOAuth::performOAuthLogin($storage, $localUserId);

$buzz = new buzz($storage, $auth);

// Render the @consumption stream
$stream = $buzz->getPosts('@consumption', '@me', 30, 20, 20);
foreach ($stream->posts as $post) {
    $titleLink = $post->links->alternate[0]->href;
    switch ($post->object->type) {
        case 'note':
            $content = $post->object->content;
        }

    foreach ($post->object->attachments as $attachment) {
        switch ($attachment->type) {
            case 'photo':
                $content .= "create custom html for a photo here";
                break;
            case 'photo-album':
                $content .= "create custom html for a photo album here";
                break;
            case 'video':
                $content .= "create custom html for a video here";
                break;
            case 'article':
                $content .= "create custom html for an article here";
                break;
        }
    }
    echo $post->person->name . " wrote: " . $content;
}

```

```

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            case 'photo':
                $content .= "create custom html for a photo here";
                break;
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                break;
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                $content .= "create custom html for a video here";
                break;
            case 'article':
                $content .= "create custom html for an article here";
                break;
        }
    }
    echo $post->person->name . " wrote: " . $content;
}

// Create a Google Buzz post with a link attachment

```

```

<?php
require_once '../src/buzz.php';

$storage = new buzzFileStorage('/tmp/buzzCache');

session_start();
$localUserId = session_id();

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        switch ($attachment->type) {
            case 'photo':
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                break;
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                $content .= "create custom html for a photo album here";
                break;
            case 'video':
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        }
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// Create a Google Buzz post with a link attachment

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        switch ($attachment->type) {
            case 'photo':
                $content .= "create custom html for a photo here";
                break;
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                $content .= "create custom html for a photo album here";
                break;
            case 'video':
                $content .= "create custom html for a video here";
                break;
            case 'article':
                $content .= "create custom html for an article here";
                break;
        }
    }
    echo $post->person->name . " wrote: " . $content;
}

// Create a Google Buzz post with a link attachment
$attachment = new buzzAttachment('article', 'Example title');
$attachment->links = array('alternate' => array(new buzzLink('http://example.org', 'text/html')));
$object->attachments = array($attachment);
$post = buzzPost::createPost($object);
$newPost = $buzz->createPost($post);

```

```

$buzz = new buzz($storage, $auth);

// Render the @consumption stream
$stream = $buzz->getPosts('@consumption', '@me', 30, 20, 20);
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```

```

foreach ($post->object->attachments as $attachment) {
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            break;
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}
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```

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            break;
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}
echo $post->person->name . " wrote: " . $content;
}

// Create a Google Buzz post with a link attachment
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$attachment->links = array('alternate' => array(new buzzLink('http://example.org', 'text/html')));
$object->attachments = array($attachment);
$post = buzzPost::createPost($object);

$newPost = $buzz->createPost($post);

```

What's next?



Seismic

Integrating Google Buzz

Marco Kaiser

buzz.google.com/kaiser.marco

twitter.com/marco



Seesmic

Delivering the realtime web anywhere

One unique solution, across all platforms

Google Buzz - Open Standards

OAuth

Portable Contacts

Atom

RESTful API

Activity Streams

JSON

Seesmic adds



Google Buzz to ...



Seesmic

Seesmic adds



Google Buzz to ...



Desktop



Android

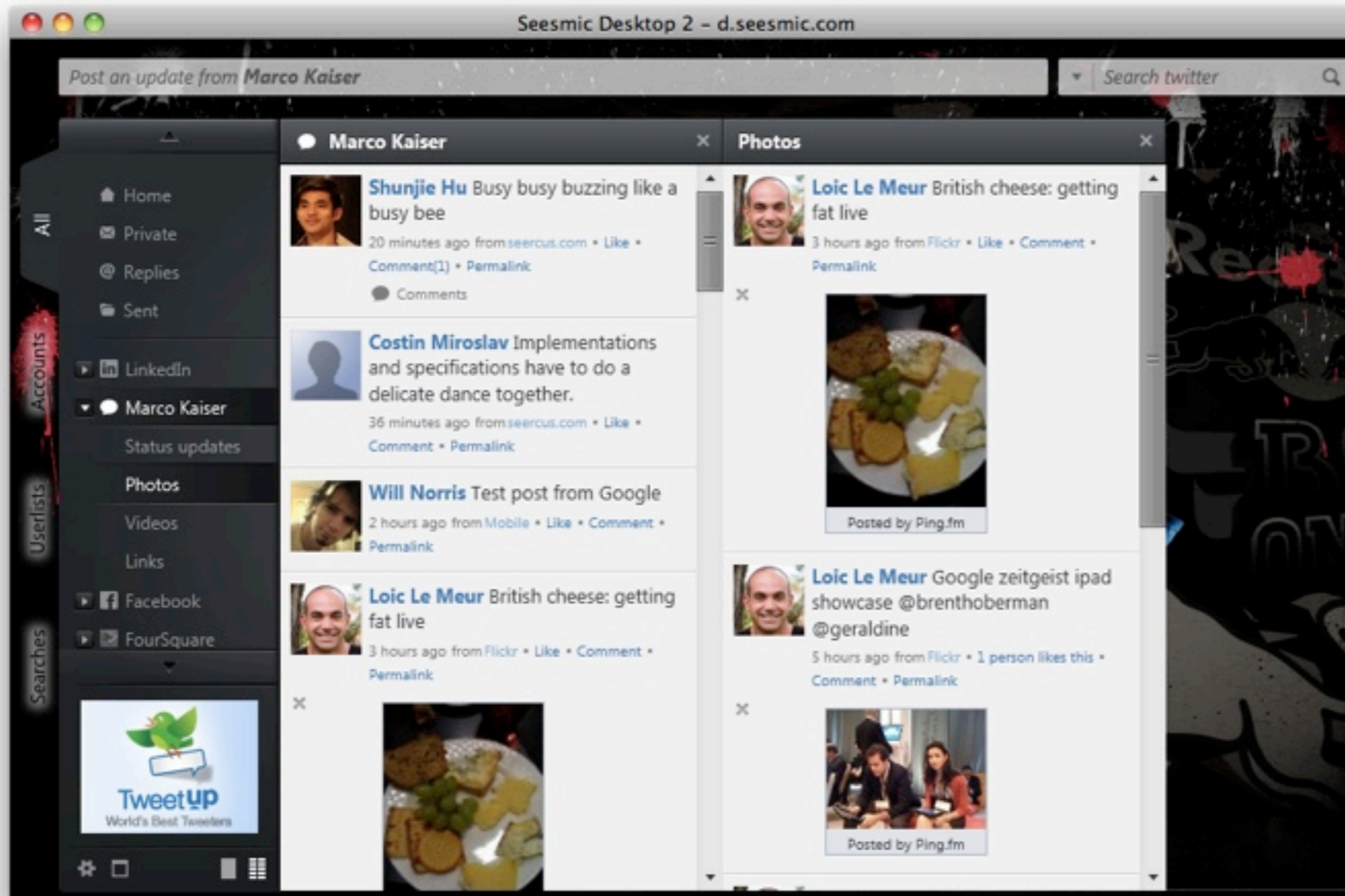


Web



Seesmic

Seesmic Desktop 2



Seesmic Desktop 2

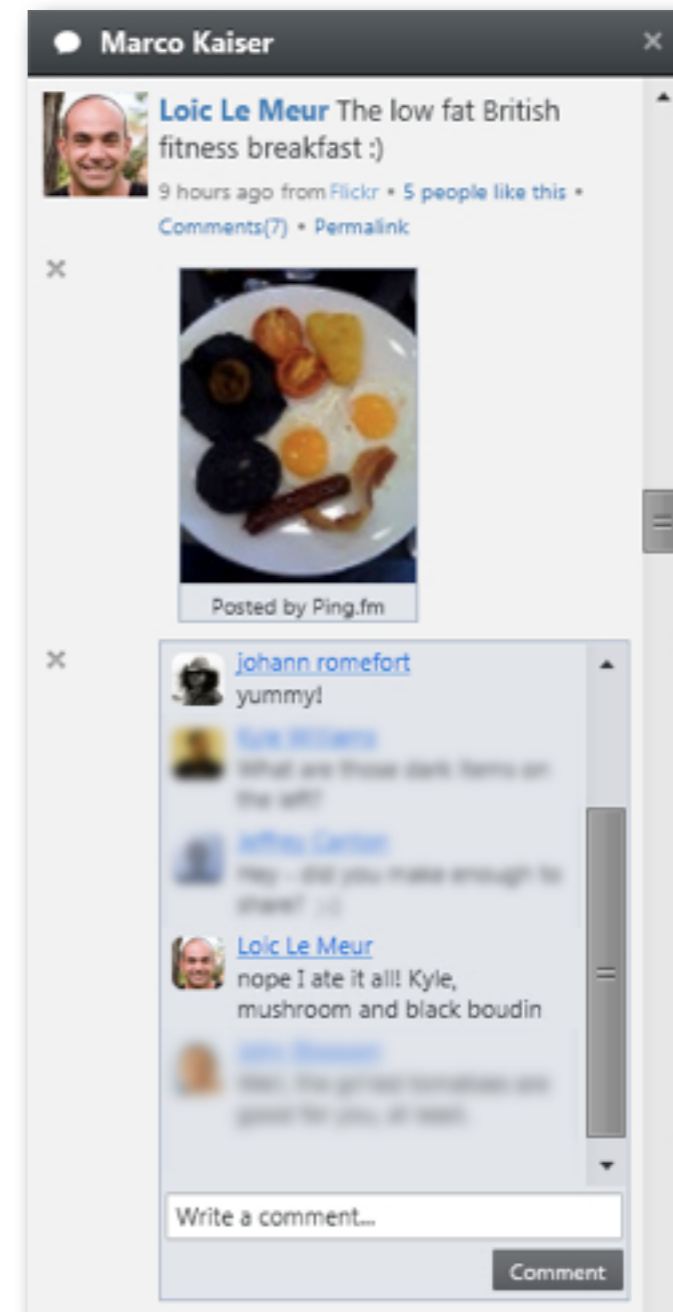
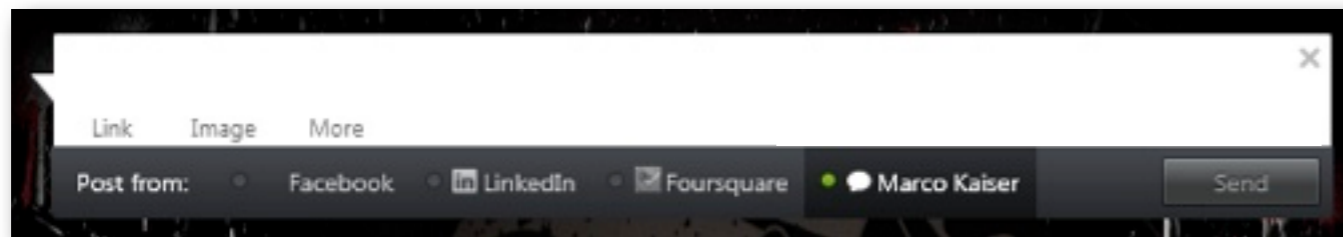
Buzz Timelines

Posting

Comments and Likes

User Profiles

Search

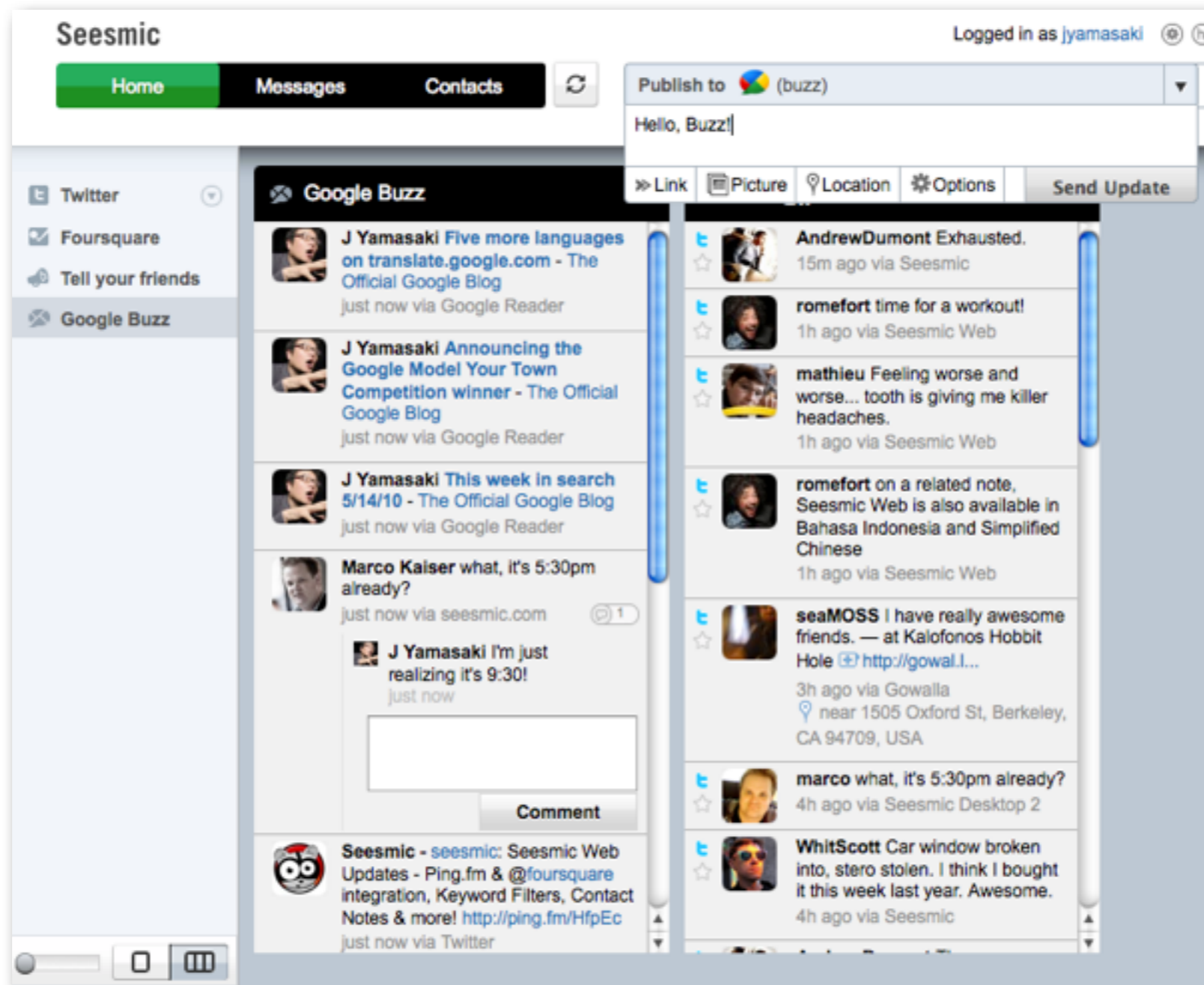


Demo

Seesmic Desktop 2



Seesmic Web

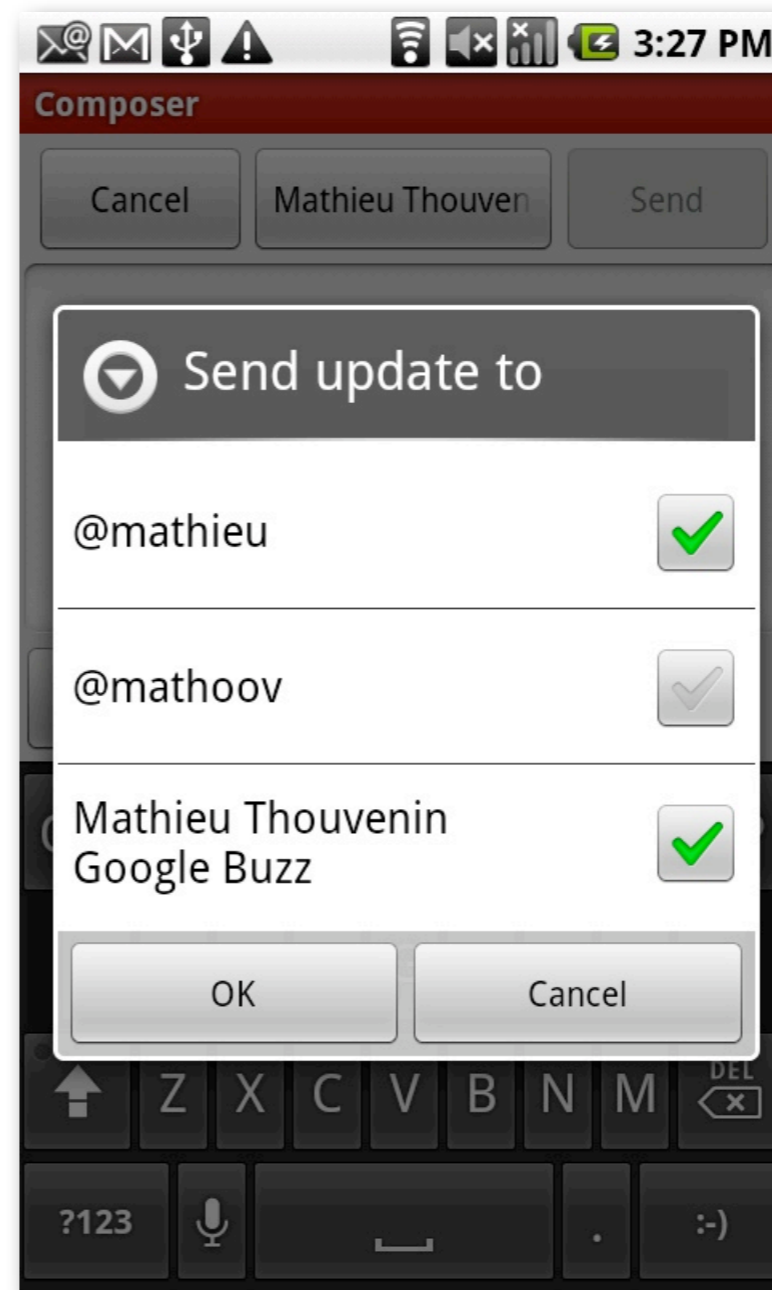
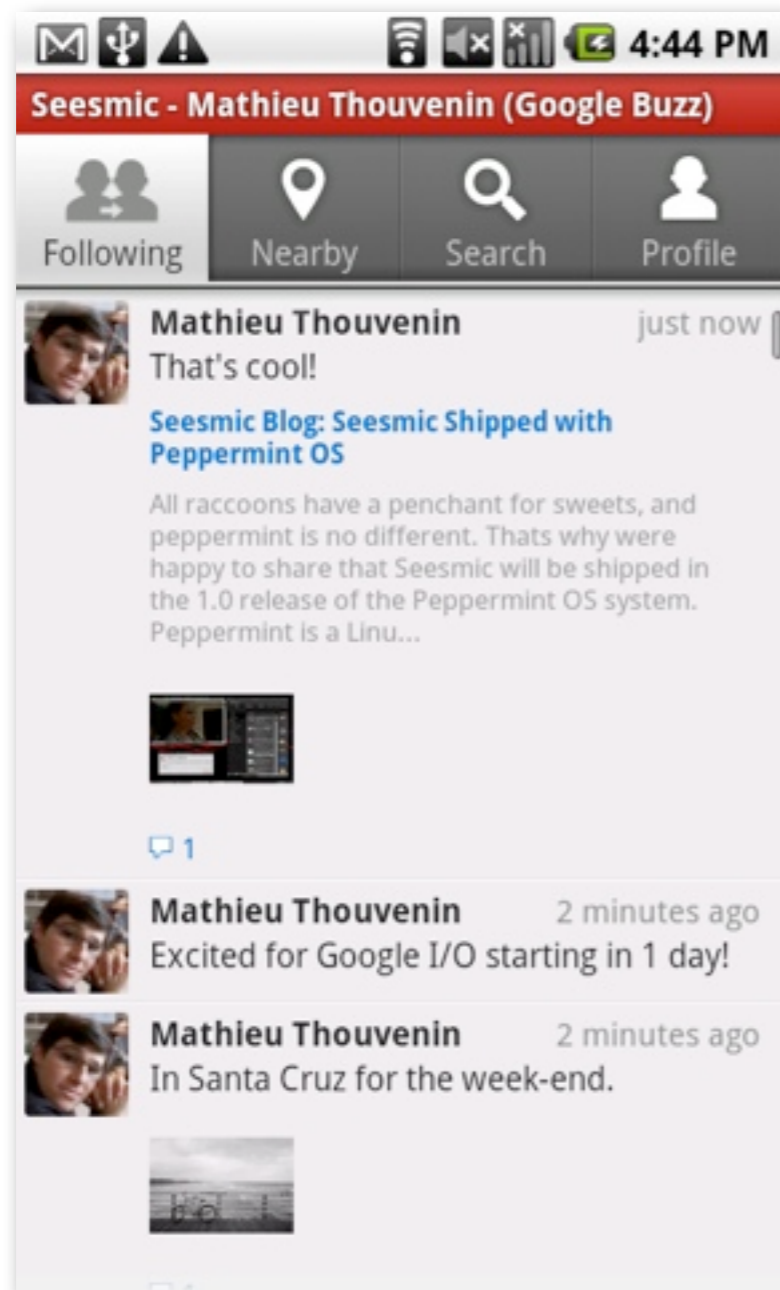


Demo

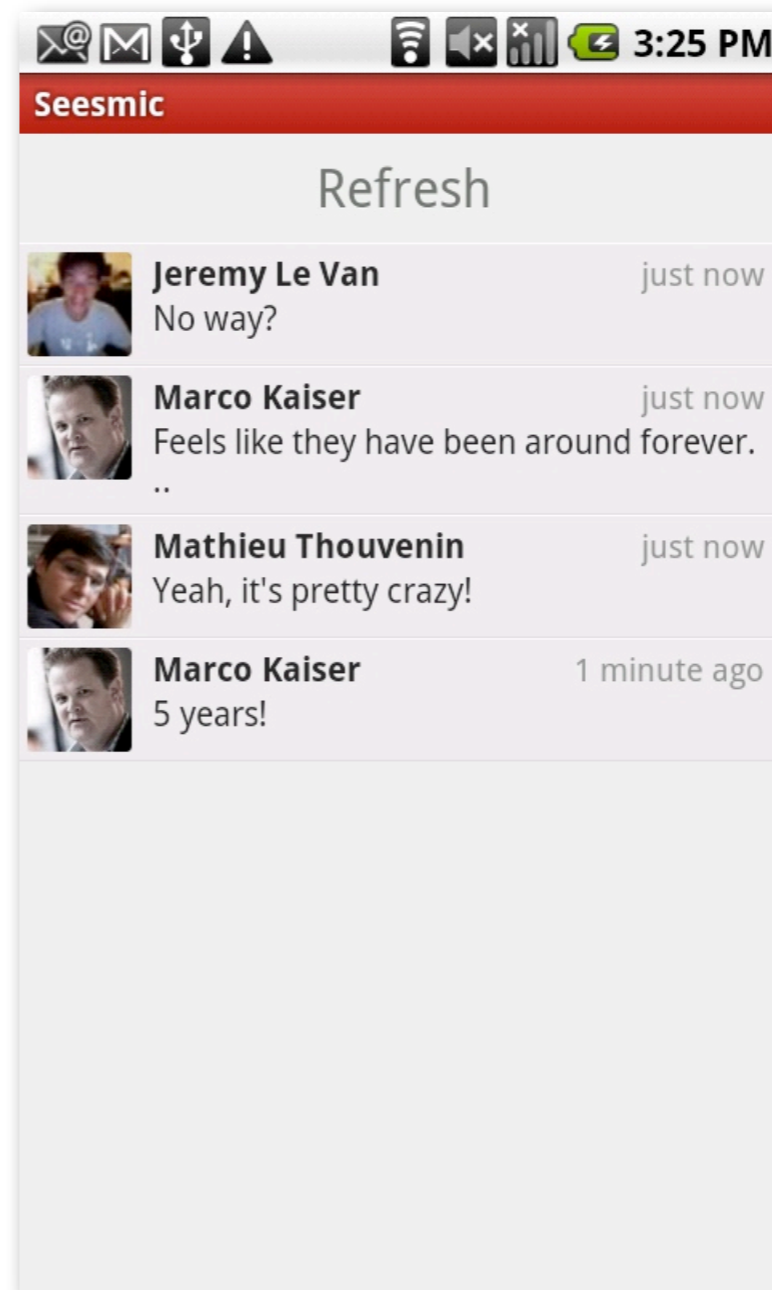
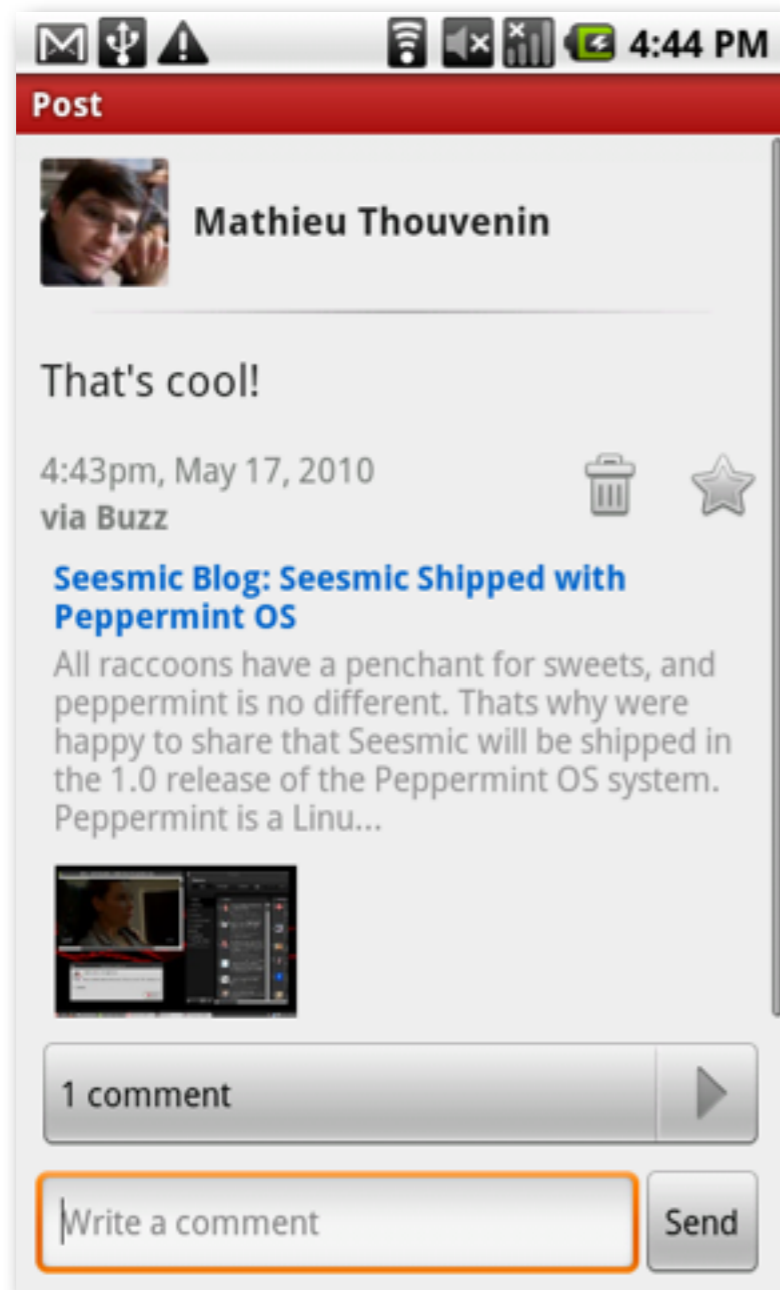
Seismic Web



Seesmic for Android



Seesmic for Android



Ping.fm

Home Blog Login Signup

Ping.fm
Say it.

Ping.fm is a simple and FREE service that makes updating your social networks a snap!

Dashboard Blog Feedback Logout (john.yamasaki@gmail.com)

P > Settings / Google Buzz [Edit Profile](#) | [Settings](#) | [Recent Posts](#) | [My Media](#) | [Help](#)

Clicking the link below will tell Google Buzz that it's OK that we post messages to your page. If you don't have a Buzz account, you should probably get one before clicking the link.

[Click here to get your Buzz account. It's free!](#)

Link Ping.fm to Buzz

Post From

MOBILE PHONE / SMS / MMS

iPhone, iPod Touch, WAP and SMS text messaging for US, Canada and Europe.

INSTANT MESSAGE / E-MAIL

Yahoo! Messenger, Google Talk, AIM, Windows Live Messenger and standard e-mail.

3RD PARTY APPS / DEVELOPER AP

iGoogle facebook

Spiralix

Over 100 web and desktop apps from 3rd party developers.

Verify Password

Sign Up or Login



Seesmic



Seesmic

When?



Available Today

Seesmic Web



released today on
seesmic.com/app

Ping.fm



released today on
ping.fm

Seesmic Desktop 2



get a preview from
seesmic.com/sd2
platform.seesmic.com

Seesmic for Android



get a preview
at our **Sandbox booth**

Thanks!

www.seesmic.com

Marco Kaiser

buzz.google.com/kaiser.marco

twitter.com/marco



socialw@k

Socialwok: Working with Open Web

- PubSubHubbub to pull feeds into Socialwok
 - Buzz, Twitter, Facebook, and other RSS/Atom/ActivityStrea.ms
- ActivityStrea.ms format (so does Buzz!)
 - MediaRSS, GeoRSS, and other extensions
- WebFinger to discover Google Profiles by email address
- OAuth to authenticate with Google and many other services

Using Buzz REST APIs

- 3-legged OAuth for authentication
 - Integrates with Socialwok's existing OAuth-enabled services (Twitter, LinkedIn)
- Publish/CC updates to Buzz
 - POST to user's personal feed endpoint
- Pulling Google Profile and Buzz feed into Gmail contextual gadget
 - Using Gmail address and parsing user part
 - Portable Contact of user profile using "people" endpoints
 - Fetch specific user feed

Socialwok Social Gadget - Pulling Buzz Profiles

How to install the Socialwok Social Gadget - goto <http://socialwok.com/marketplace>

Inbox | X

★ Ming Guang Yong to me


[show details](#) 11:48 PM (0 minutes ago)

Reply

Navin

Please let everyone know that Socialwok has launched the Socialwok Social Gadget on 18 May and it is available at <http://socialwok.com/marketplace>

Ming

 Socialwok



Ming Guang Yong




Ming Guang Yong <http://picasaweb.google.com/mgyong/GroupPics>

 12 days ago



Ming Guang Yong <http://picasaweb.google.com/mgyong/SearchSocialwok>

 15 days ago



Ming Guang Yong http://picasaweb.google.com/mgyong/Email_into_socialwok

 17 days ago



Ming Guang Yong <http://picasaweb.google.com/mgyong/EmailDigest>

 24 days ago



Ming Guang Yong <http://picasaweb.google.com/mgyong/SocialwokScreenshots>



Cool things about Buzz APIs

- Open standards-based
 - ActivityStrea.ms
 - Portable Contacts
 - OpenSocial-based REST URLs for endpoints
- Easy to integrate with Socialwok's previous work
 - Posting to Buzz before the APIs were defined
 - ActivityStrea.ms updates are now POSTed without modification
 - “crosspost” namespace even stores the original ID of the post!
 - Can refer back to your original update

Future work for Socialwok and Google Buzz

- Rich media using Buzz attachments mechanism
- Comment federation using Salmon
- Federation of Buzz Search results into Socialwok (keyword monitoring)
- Private Buzz (ACL management)
- Contacts integration (using Portable Contacts)



Closing words

<https://code.google.com/apis/buzz/docs/>

<https://groups.google.com/group/google-buzz-api>

<http://code.google.com/p/oacurl/>
<http://code.google.com/p/buzz-php-client/>
<http://code.google.com/p/buzz-python-client/>
<http://code.google.com/p/buzz-java-client/>

Surf the stream: Google Buzz, location, and social gaming

Bob Aman & Timothy Jordan

Thursday May 20
11:30am-12:30pm
Room 1

Fireside chat with the Social Web team

David Glazer, DeWitt Clinton, John Panzer, Joseph Smarr, Sami Shalabi, Todd Jackson

Thursday May 20
2:15pm-3:15pm
Fireside Chat Room



Check out the Google Wave discussion:
<http://j.mp/buzzhubbub>

Q & A



Q & A

Google™

