

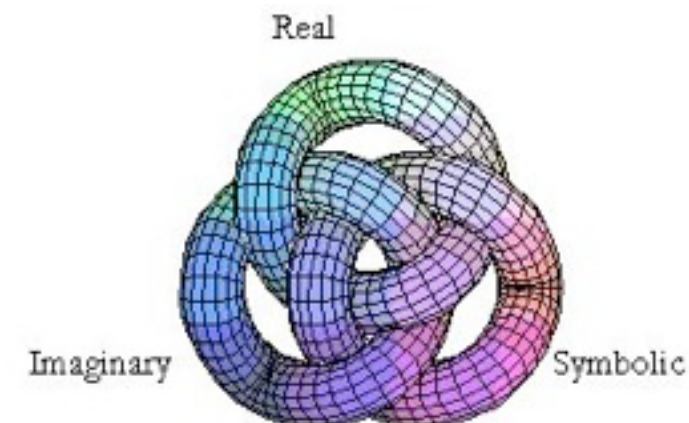
# 跳格

Multiplayer  
SocialCalc

一九九零 唐鳳  
中英雙字有字版

```
sudo cpan
```

```
cpan> notest install Module::Install  
Module::Install::ReadmeFromPod Plack  
JSON::XS
```



```
git clone git://github.com/miyagawa/Tatsumaki.git  
perl Makefile.PL && make && sudo make install
```

本片即將開始  
請速連線。以免向隅  
<http://192.168.1.137:9999/>

```
git clone git://github.com/audreyt/socialcalc.git  
perl multiserver.pl
```

Dedicated to  
why the lucky stiff

"when you don't create things,  
you become defined by your tastes  
rather than ability.  
taste only narrows & excludes people.  
so create."



以下「引言」若無標明來源  
即出自《微軟陰謀》

(單中杰，戴凱序，一九九五閏八月。)



“唐鳳這個人  
超現實  
的。  
”

# 「迷你馬離譜」



「我的××不夠了。  
如果我假裝我是  
故意用光××的∴  
∴我就能風風光光地  
做完這件事了。」

# 「常見的 × × 有：

電力	宣揚節能減碳簡樸樂活思想
橋牌點力	當對方叫到成局時立刻犧牲叫
外交實力	倡導「實質/雙贏/全方位外交」
字體	點陣字 @ 教育部標準楷書
寫簡報的時間	善用上下引號，編造優質內容
寫程式的時間	善用網絡資源，編造優質程序

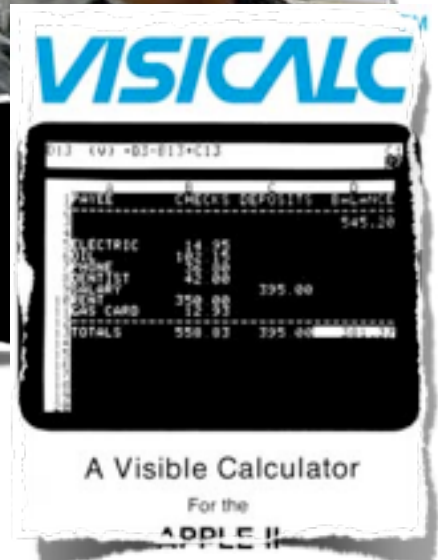
」



# 社算表初版

```
commit 45ffbb8bde9d079b6fd6b99e898b544c659d
Merge: d895ab8 cc455ef
Author: Audrey Tang <audrey.tang@socialtext
Date: Wed Oct 21 22:17:52 2009 -0700
```

Merge commit 'dbrick/master'



```
commit cedd83a14ce8599a32a9723958ab814e251cd98f
Merge: 6cb365d 45ffbb8b
Author: Audrey Tang <audreyt@audreyt.org>
Date: Thu Oct 22 13:19:58 2009 +0800
```

Merge remote branch 'socialtext/master'

<進廣告>



# The Social Spreadsheet

Secure  
Online  
Integrated



</退廣告>

06:48 < luke> au|afk: did you know i developed and named xocom?  
06:59 < au|afk> I do and I wondered if I should put your picture  
on the seeta page :)



"Porting SocialCalc on the XO laptop-

- Socialcalc which is written initially in JavaScript and html have been ported on the xo laptops/ sugar using the Mozilla XPCOM APIs (For details refer Appendix).



- Xocom which is a library for DHTML applications over the XO laptops have been made over the top of these XPCOM APIs in order to achieve this porting."

07:16 < luke> the narrative of xocom is that if you can work with the right people, you can get things done really quick. I found myself at the ActiveState office and flattered a xpcom hacker to prototype it. From there I could generalize the approach [1] and hand it off to olpc folks.





```
(cur) (prev) 18:29, 24 October 2009 Admin  
(Talk | contribs) (31 bytes)  
(Created page with '==Collaboration in SocialCalc==')
```

"SocialCalc after collaboration-

- Firstly, I created a basic infrastructure which is required by all the sugar activities to achieve collaboration. These changes were made in the python part of the code and functions and classes were added so that the data can reach from one xo laptop to another.

- We have used dbus-tubes and telepathy framework in order to achieve collaboration. This is the most relied system used by sugar activities to achieve collaboration."



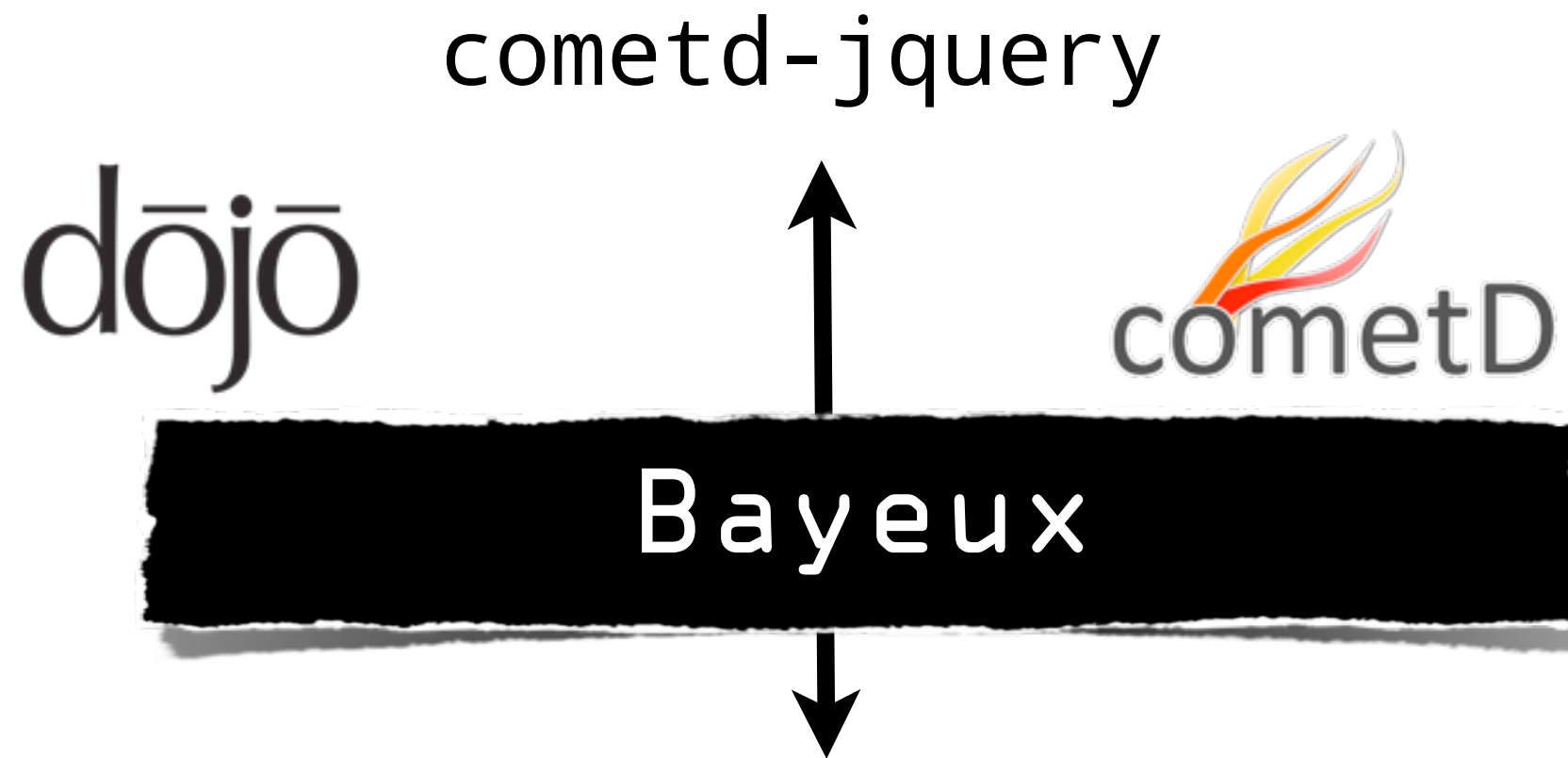


nginx\_http\_push\_module



```
commit a13be922627f828cd61bd286f8545dd97e548267
Author: Audrey Tang <audreyt@audreyt.org>
Date: Tue Oct 27 00:47:09 2009 +0800
```

\* Initial commit of a simple POE server for the Bayeux server.



POE :: Component :: Server :: Bayeux



Wed 8pm ~ 11pm

```
commit 4afb72b4d0cf6d39b873a89a98987afc167a036d
Author: Audrey Tang <audreyt@audreyt.org>
Date:   Wed Oct 28 19:55:46 2009 +0800
    * Minimal surgery to add SocialCalc.Callbacks.broadcast_command.
diff --git a/socialcalc-3.js b/socialcalc-3.js
index 5d0fafd..4738a97 100644
--- a/socialcalc-3.js
+++ b/socialcalc-3.js
@@ -319,7 +319,7 @@ SocialCalc.Sheet.prototype.EncodeSheetAttributes = function() {return SocialCalc
SocialCalc.Sheet.prototype.DecodeCellAttributes = function(coord, attribs, range) {return SocialCalc.DecodeCellAttributes(this,
coord, attribs, range);};
SocialCalc.Sheet.prototype.DecodeSheetAttributes = function(attribs) {return SocialCalc.DecodeSheetAttributes(this, attribs);};

-SocialCalc.Sheet.prototype.ScheduleSheetCommands = function(cmd, saveundo) {return SocialCalc.ScheduleSheetCommands(this, cmd,
saveundo);};
+SocialCalc.Sheet.prototype.ScheduleSheetCommands = function(cmd, saveundo, isRemote) {return SocialCalc.ScheduleSheetCommands(t
his, cmd, saveundo, isRemote);};
SocialCalc.Sheet.prototype.SheetUndo = function() {return SocialCalc.SheetUndo(this);};
SocialCalc.Sheet.prototype.SheetRedo = function() {return SocialCalc.SheetRedo(this);};
SocialCalc.Sheet.prototype.CreateAuditString = function() {return SocialCalc.CreateAuditString(this);};
@@ -1599,7 +1599,10 @@ SocialCalc.SheetCommandInfo = { // only one of these
// statuscallback is called at the beginning (cmdstart) and end (cmdend).
//

-SocialCalc.ScheduleSheetCommands = function(sheet, cmdstr, saveundo) {
+SocialCalc.ScheduleSheetCommands = function(sheet, cmdstr, saveundo, isRemote) {
+  if (SocialCalc.Callbacks.broadcast_command && !isRemote) {
+    SocialCalc.Callbacks.broadcast_command(cmdstr, saveundo);
+  }
}

var sci = SocialCalc.SheetCommandInfo;
```

SocialCalc.Callbacks.broadcast



```
commit b4e28d35c5d680aa431ea4e3f00e16c237bf508a
Author: Audrey Tang <audreyt@audreyt.org>
Date:   Wed Oct 28 20:28:55 2009 +0800
```

\* Add snapshot restoration upon connect.

```
commit 7a4675cfe566253aeed73cb04c5c6798413af040
Author: Audrey Tang <audreyt@audreyt.org>
Date:   Wed Oct 28 21:14:21 2009 +0800
```

\* Add a README; support for remote ecell

```
commit 168a3efc5755bdcc5300178576d8e3a2492cd95f
Author: Audrey Tang <audreyt@audreyt.org>
Date:   Wed Oct 28 21:24:36 2009 +0800
```

\* Add peer cursor visibility.

```
commit d448292823e087792e73568ec3a67ab0b7288a97
Date:   Wed Oct 28 22:19:27 2009 +0800
    * Port everything to Tatsumaki.
```

# 竜巻旋風脚

Tatsumaki:

- a toy port of Tornado
- for Perl
- using Plack
- (with non-blocking extensions) and AnyEvent.



# DUI MXHR

```
var s = new DUI.Stream();

s.listen('text/html', function(payload) {
    $('#stream').append(payload);
});

s.listen('complete', function() {
    alert("D. Plainview: I'm finished!");
});

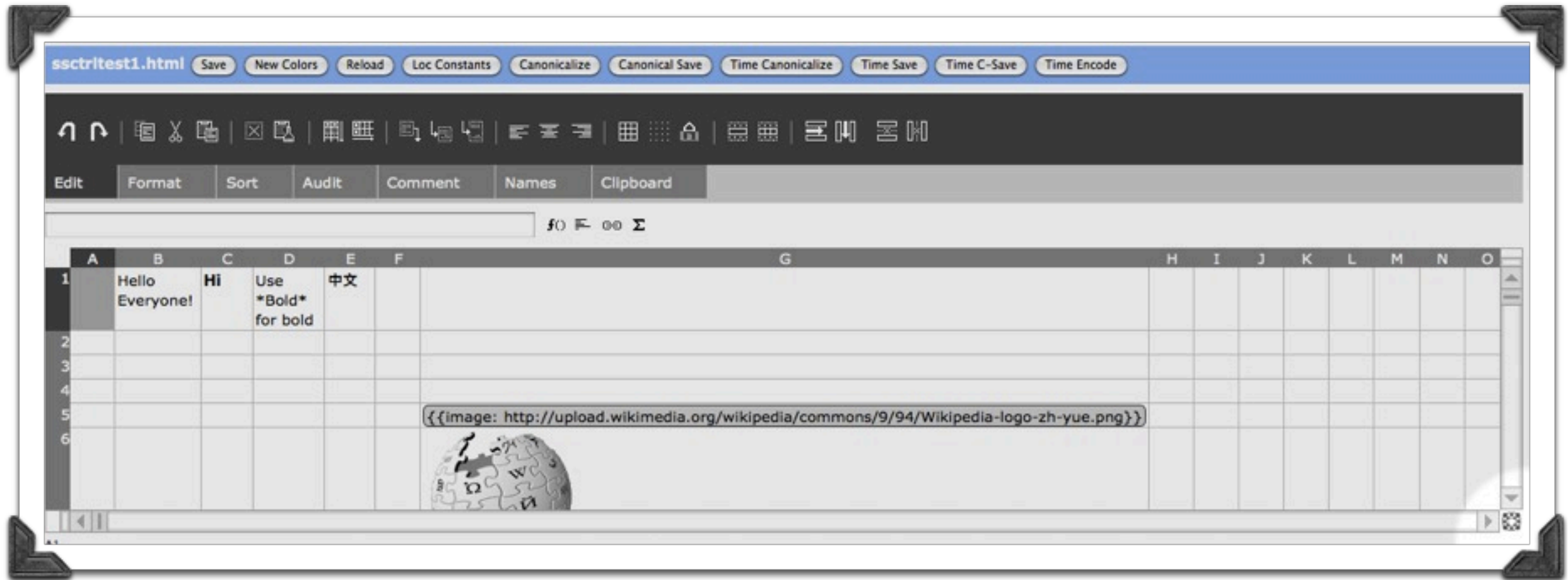
s.load('testStreamData.php');
```



```
commit f1eaf37e67b1f819c5a82122c347e46783da7de3
Author: Audrey Tang <audreyt@audreyt.org>
Date:   Wed Oct 28 22:38:45 2009 +0800
```

\* Use DUI FTW.

# It Works!



# ~shipit!



Special thanks to:

「我想，本齣唯一的  
就是那種希望『跳出框框』」

# 美學指導 多得不得了媒體人 康寧馨寶貝



「如果這本齣能提供你一些  
新的想法、新的觀點、新的主意的話，  
那將是海增白作夢也想不到的。」



Photo Credit: Isis Kang, 2009

<http://creativecommons.org/licenses/by-nc-nd/2.0/>

