

StreamIn'

Making a Cool Social App
In Just 3 Steps
Using LinkedIn Connect

Kirsten Jones
LinkedIn Developer Advocate

kjones@linkedin.com



LinkedIn Connect

- Javascript API
- Simple Authentication
- Convenience Methods for Common Tasks
- <http://go/jsapi>

StreamIN'



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Ross Mayfield

RT@codepo8: OK, Friday 12 PST I will be doing one of those new zipcast things for @slideshare <http://bit.ly/i6vrab> - hear about HTML5



Jeffrey Bank

LinkedIn is looking for: Sr. Software Engineer - Automation <http://jobvite.com/m?3oYI1fwP> #job



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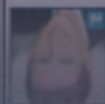
Ross Mayfield

RT@loic: Presentation about social and digital trends with @seesmic @leweb founder @loic starts in 10 mins <http://ping.fm/n8Gta>



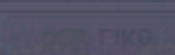
Ross Mayfield

RT@ourfounder: doing a Personal Kanban Webinar to help launch @Slideshare's new Zipcast service! Fri Feb 18@11am PT <http://bit.ly/gVvVfc>



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How do I know where
to start?

JavaScript API Developer Console

✓ Framework: Production

✓ Link for this example: <http://bit.ly/g4Z8MW>

› Documentation

› Framework Options

▼ Examples

Login

- Login Button
- Login Button with Events
- Login Button Label
- Inline Login Button

Member

Sharing

Company Profile

Status

Recommend

Company Insider

People Search

Load from URL

Code - Login Button

<p>This is a simple login button. When the user has logged in, the code inside of the script will be run.</p>

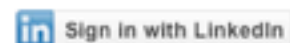
```
<script type="IN/Login">
  Hello, <?js= firstName ?> <?js= lastName ?>.
</script>
```

Run

Clean Up

Result

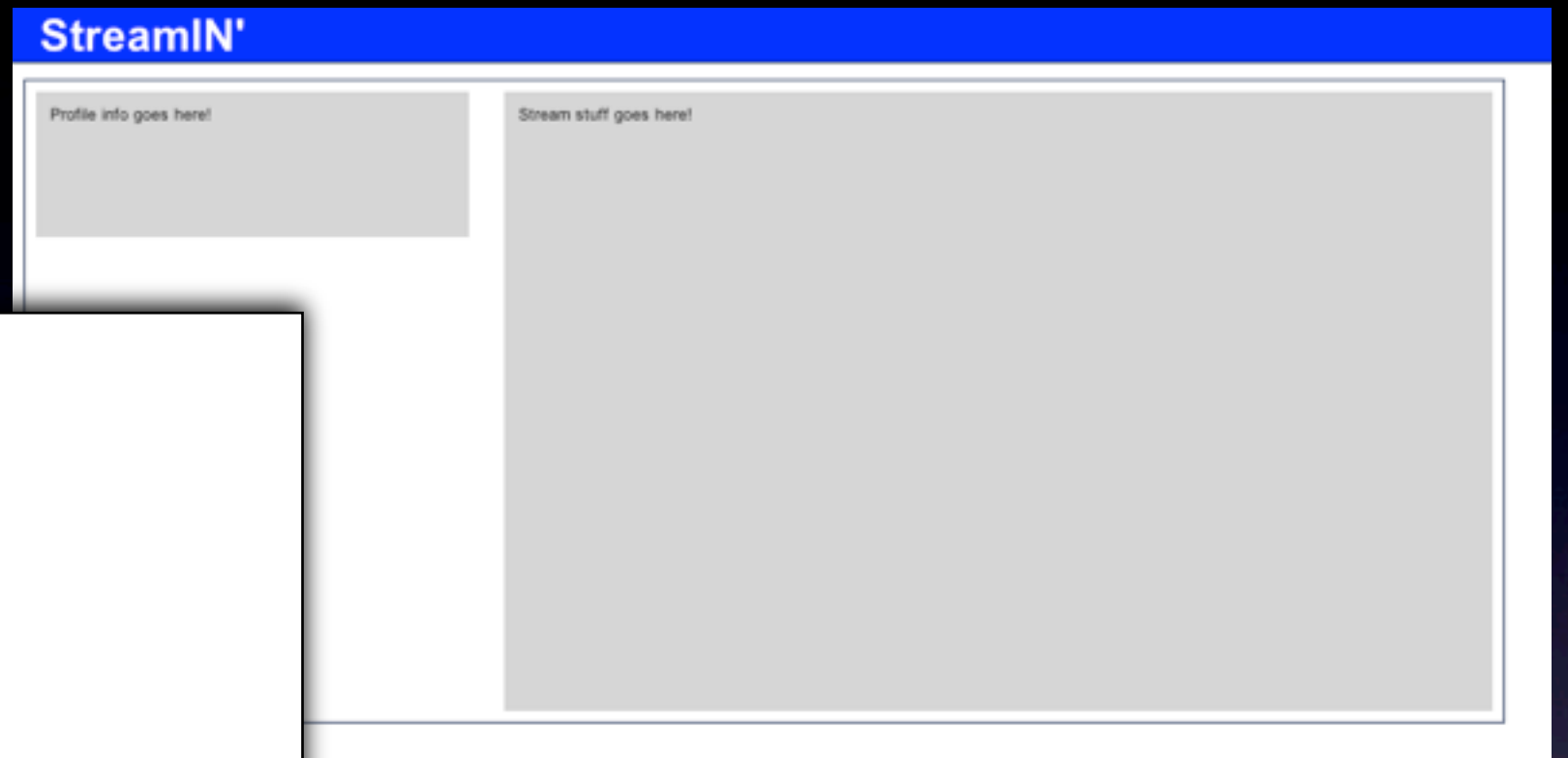
This is a simple login button. When the user has logged in, the code inside of the script will be run.



JSAPI Console

<http://developer.linkedinlabs.com/jsapi-console>

Getting Started



```
<body class="yui3-skin-sam yui-skin-sam">
  <div id="header"><h1>StreamIN'</h1>
</div>
<div id="wrapper">

  <div id="profile">
    <div id="badge">
      Profile info goes here!
    </div>
  </div>
  <div id="stream">
    Stream stuff goes here!
  </div>
  <br clear="both">
  <div id="footer">
  <div id="nav"> [ << ] <a href="Step1.html">[ >> ]</a>

  </div>
</div>
</body>
```

<http://www.princesspolymath.com/StreamIn/Start.html>

Step 1: Getting a Profile

Adding the Framework
Getting the Member's Profile

<http://www.princesspolymath.com/StreamIn/Step1.html>

How do I make it go?

Loading the Framework

Load the Framework in the <head>

```
<script type="text/javascript" src="http://platform.linkedin.com/in.js">  
  api_key: RK0TRRRA0quK5xqdWJyVp8LW704mgwovmD1FUz0if5R61XGRyfW_X_2pJgt_fIjo  
  authorize: true  
</script>
```

Add a Login Button to the Body

```
<script type="IN/Login" data-onAuth="loadData"></script>
```

That's it.

Making the Profile Call

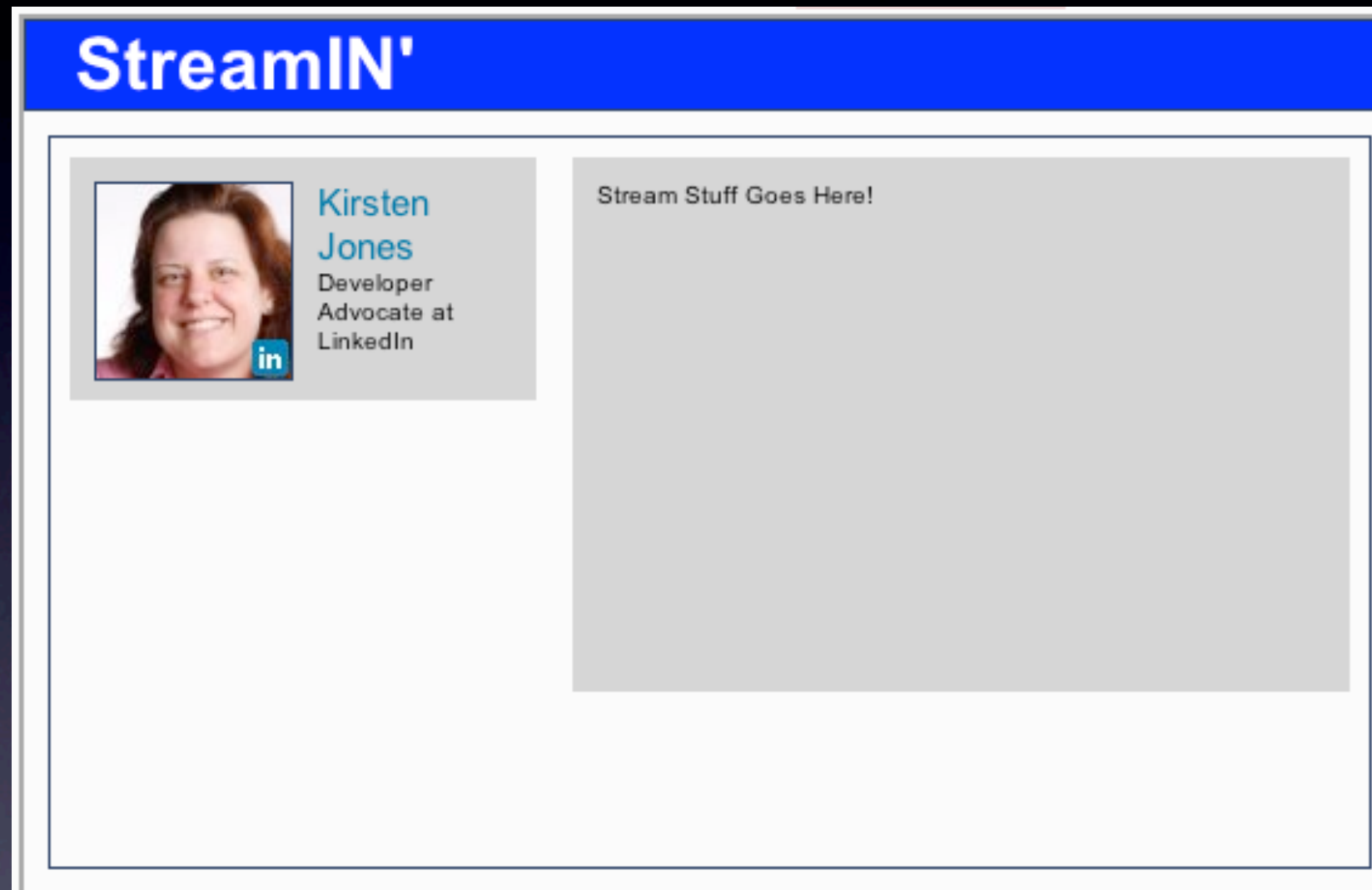
```
function loadData() {  
  IN.API.Profile("me")  
    .result(function(result) {  
      profile = result.values[0];  
      profHTML = "<p><a href=\"\" + profile.publicProfileUrl  
                + \"\">";  
      profHTML += "<img align=\"left\" class=img_border src=\"\"  
                + profile.pictureUrl + \"\"></a>";  
      profHTML += "<a href=\"\" + profile.publicProfileUrl  
                + \"\">";  
      profHTML += "<h2 class=myname>" + profile.firstName + " "  
                + profile.lastName + "</a> </h2>";  
      profHTML += "<span class=myheadline>"  
                + profile.headline + "</span>";  
      $("#badge").html(profHTML);  
    });  
}
```



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Step 1 Complete



<http://www.princesspolymath.com/StreamIn/Step1.html>

Step 2: Network Updates

Pull the status updates from the member's network
Render them in the application

<http://www.princesspolymath.com/StreamIn/Step2.html>

Adding Parameters

```
function getUpdateStream() {  
    IN.API.NetworkUpdates()  
    .params({type: "STAT"})  
    .result(function(result) {  
        var streamHTML = "";  
        for (var update in result.values) {  
            var thisupdate = result.values[update]  
  
            // Build each individual stream update item  
            person = thisupdate.updateContent.person  
            var thisHTML = "<div class=streamitem>";  
  
            // Person's picture, linked name, and status  
            thisHTML += "<img align=\"left\" class=img_border height=\"50\" src=\"\" + person.pictureUrl + \"\"></a>";  
            thisHTML += "<a href=\"\" + person.publicProfileUrl + \"\">";  
            thisHTML += "<span class=updater>" + person.firstName + " " + person.lastName + "</span></a>";  
            thisHTML += "<p class=update>" + activateLinks(person.currentStatus) + "</p>";  
            thisHTML += "</div>";  
            streamHTML += thisHTML  
        }  
        $("#stream").html(streamHTML);  
    });  
}
```

Just the STATs, ma'am.

Step 2 Complete

StreamIN'



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Ross Mayfield
Join Echo Corp's Zipcast 'e2 Keynote' on SlideShare
<http://www.slideshare.net/echocorp/meeting>
<http://linkd.in/ptRJAv>



Sebastien Paquet
RT@yodelheck: We are looking for a place to stay in San Francisco next week while we do filming for @symbionomics



Adrian Cockcroft
RT@x509v3: Netflix is hiring a streaming security engineer/architect: [#in #rsac](http://www.netflix.com/Jobs?id=7563&jvi=o1ZAVfwf)



Ross Mayfield
Funny. There are 70 people in@danzarella's @oreillymedia/@hubspot Zipcast 15 min beforehand chatting it up <http://is.gd/6ckKbz>

<http://www.princesspolymath.com/StreamIn/Step2.html>

Step 3: Likes and Unlikes

Raw (REST) API calls
“Liked” resource
Making the call

<http://www.princesspolymath.com/StreamIn/Step3.html>

Raw API Calls

- Convenience methods available for most common tasks
- Not all functionality is covered
- Connect allows you to “pass through” calls directly to the REST API
- Developer portal has information on all REST API resources

“Liked” resource

- URL:
/people/~network/updates/key=<id>/is-liked
- Method: PUT
- Body: “true” or “false”

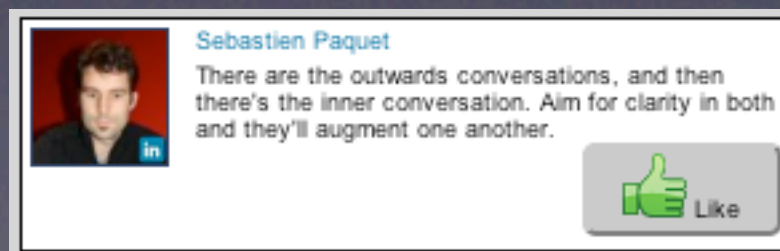
Making the call

Add some buttons to the update stream

```
// Present a like button
if (! thisupdate.isLiked) {
    thisHTML += "<div id=button><button class=\"likebutton ui-corner-all\" id=\"\" +
        thisupdate.updateKey + "\"><img src=\"Thumbs_up.png\"> Like</button></div>"
} else {
    thisHTML += "<div id=button><button class=\"unlikebutton ui-corner-all\" id=\"\" +
        thisupdate.updateKey + "\"><img src=\"Thumbs_down.png\"> Unlike</button></div>"
}
```

Add a function to call the resource on click

```
$( ".likebutton" ).live("click", function() {
    likeURL = "/people/~network/updates/key=" + $(this).attr("id") + "/is-liked"
    IN.API.Raw(likeURL)
        .method("PUT")
        .body("true")
        .result(function(result) {
            alert ("Liked");
            getUpdateStream();
        })
});
```



Step 3 Complete

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Sebastien Paquet
There are the outwards conversations, and then there's the inner conversation. Aim for clarity in both and they'll augment one another.





Sebastien Paquet
.@PaulBHartzog Yeah, 'inhabiting' means being recognized as someone who accepts those agreements and acts accordingly.. <http://bit.ly/eliGij>





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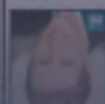
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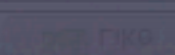
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Resources

- <http://go/jsapi>
- Blog post:
http://www.princesspolymath.com/princess_polymath/?p=347
- <http://developer.linkedinlabs.com/jsapi-console>

Questions?