



Google

Developers



# Getting the most out of Google+ in your organization



Joel Kalmanowicz, Product Manager



Thunder Parley, Senior Software Engineer

# Agenda

**Context**

**What's New**

**Summary**

**Q&A**





# Context

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Google+ for Enterprise Up to Today

# The Google+ Strategy:

Google+ adds identity, relationships, and sharing to your Google product experience. Better for users. Better for businesses.



- **More information; fewer emails**
- **Connect and collaborate**
- **Share with the right people, securely**
- **Work better together, inside & out**



"Our employees were asking for more information, not more email. Google+ allows employees to closely follow their interests, and share with each other."

Bentley Curran, CIO  
Brady Corporation



"The real-time collaboration in Docs and communication facilitated through Google+ allows Fairfax Media staff working in many different locations to overcome geographical barriers."

Andrew Lam-Po-Tang, CIO

Fairfax Media



"Our team has completely dumped wired phones and relies entirely on Google+.

We may be dispersed geographically, but with Google+ sharing and Hangouts video conferencing, it feels like we're all in a room together."

Aimee Anderson, VP Business Development

The Grommet





# Features: Domain Labels



Joel Kalmanowicz [ink-42.com](http://ink-42.com)

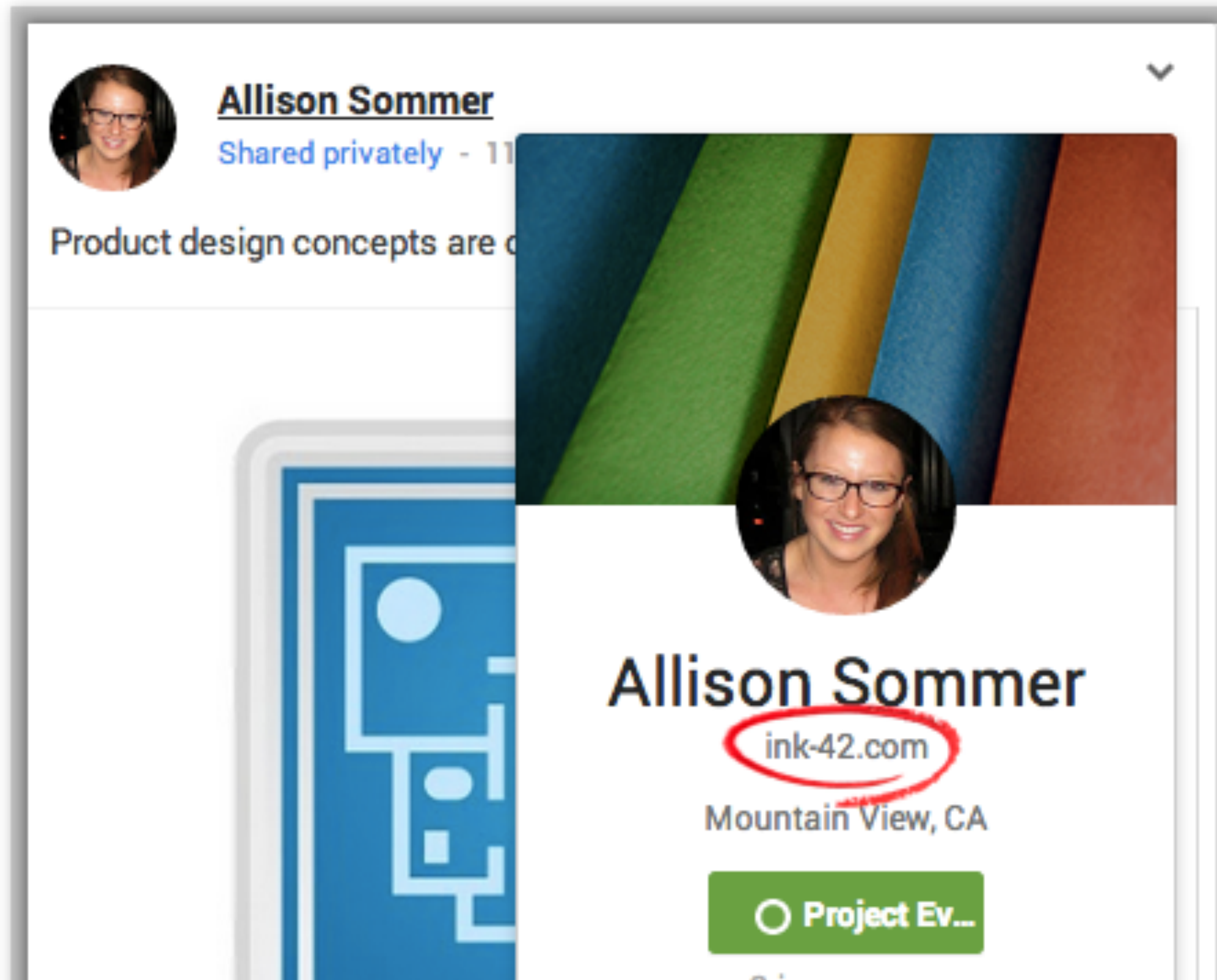
📍 Lives in Mountain View, CA   ♂ 5 have you in circles

Share what's new...

In your circles (4)



# Features: Domain Labels



The image shows a screenshot of a Facebook profile for Allison Sommer. The profile picture is a circular portrait of a woman with glasses. The name "Allison Sommer" is displayed in bold black text. Below the name, the text "ink-42.com" is circled in red, indicating a domain label. Underneath the domain label, the location "Mountain View, CA" is shown. A green button with a white circle icon and the text "Project Ev..." is visible at the bottom of the profile section. The background of the profile cover photo features a colorful geometric design with diagonal stripes in shades of blue, green, yellow, and red.

**Allison Sommer**  
Shared privately - 11  
Product design concepts are o

**Allison Sommer**  
[ink-42.com](#)  
Mountain View, CA  
Project Ev...



# Features: Domain Labels

**Jeremiah Dillon**  
ink-42.com - 10:11 AM

Has anyone worked with Altostrat before?

+1

Check with +allison

**Allison Sommer**  
Project Everest  
ink-42.com

Post comment

People

**Allison Sommer**



# Features: Hangouts

15 Live Streams

Can monitor for external participants

The screenshot shows a Google+ Hangouts window with a document titled "Project Panda" and "2013 Product Launch Plans". The document content includes a paragraph of Lorem Ipsum text and a bulleted list. Annotations in colored boxes identify participants: "allison" (green), "eloise" (pink), and "peter" (orange). A bar chart compares 2012 and 2013 data for five products. The bottom of the window shows a video gallery with five participants.

Product	2012	2013
Product A	1.8	2.3
Product B	3.2	1.0
Product C	2.6	3.2
Product D	1.9	3.9
Product E	2.7	2.7





# Features: Restricted Posts

The image shows a social media post creation interface. At the top left is a circular profile picture of a man with sunglasses. To its right is a text input field containing the text: "Let's get an update on our current contracts. I'm only at liberty to discuss V1 at this time." Below the text field is an "Attach:" section with icons for "Photos", "Video", "Link", and "Event". Below that is a "To:" section with two selected audience options: "Ink 42" (highlighted in green) and "Your circles" (highlighted in blue). A "+ Add more people" link is visible below these options. A red circle highlights the text "Restricted to Ink 42" in a warning dialog box that appears over the "To:" section. The dialog box contains the text: "This post won't be shared with users outside of Ink 42." followed by a blue "Learn more" link and a grey "Allow external sharing" button. At the bottom of the interface are three buttons: a green "Share" button, a grey "Cancel" button, and a checkbox labeled "Also send email".

Let's get an update on our current contracts. I'm only at liberty to discuss V1 at this time.

Attach: Photos Video Link Event

To: Ink 42 Your circles

+ Add more people

**Restricted to Ink 42**

This post won't be shared with users outside of Ink 42.

[Learn more](#)

Allow external sharing

Share Cancel  Also send email



# Features: Admin Controls

## Sharing settings

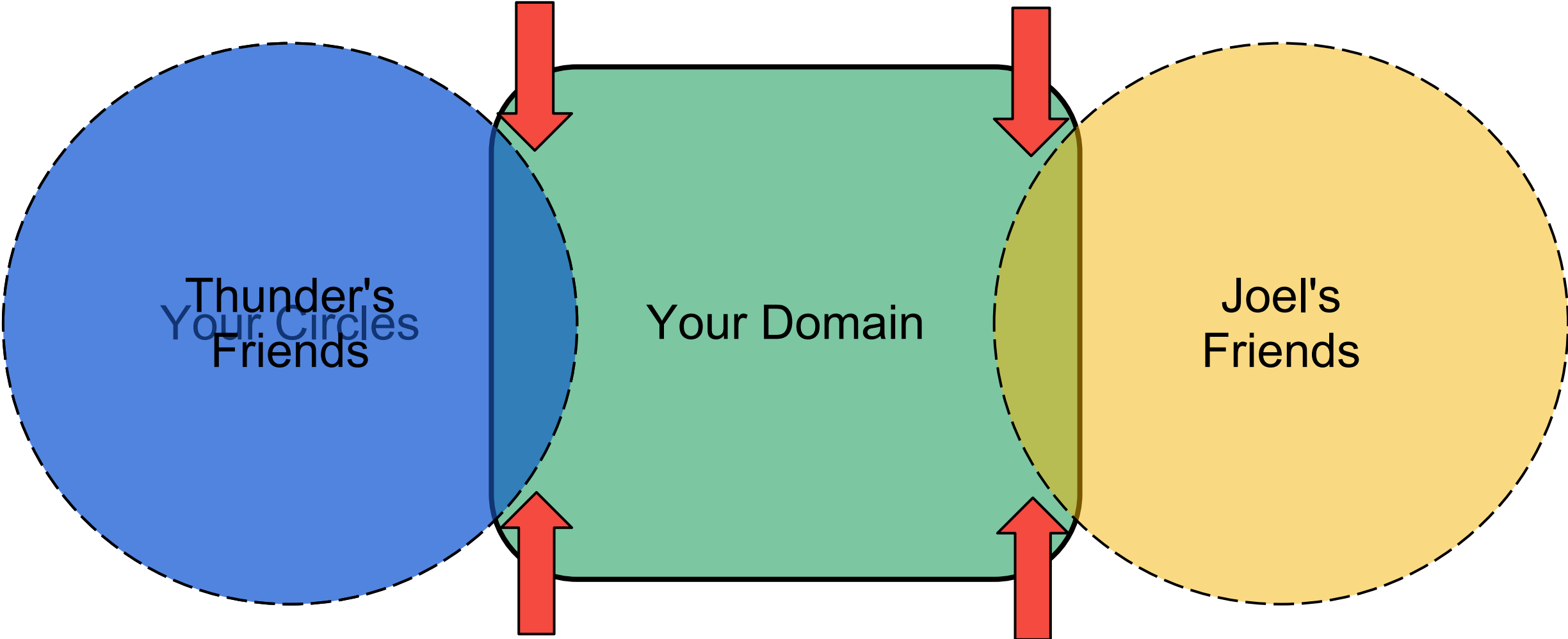
### Sharing posts

Locally applied

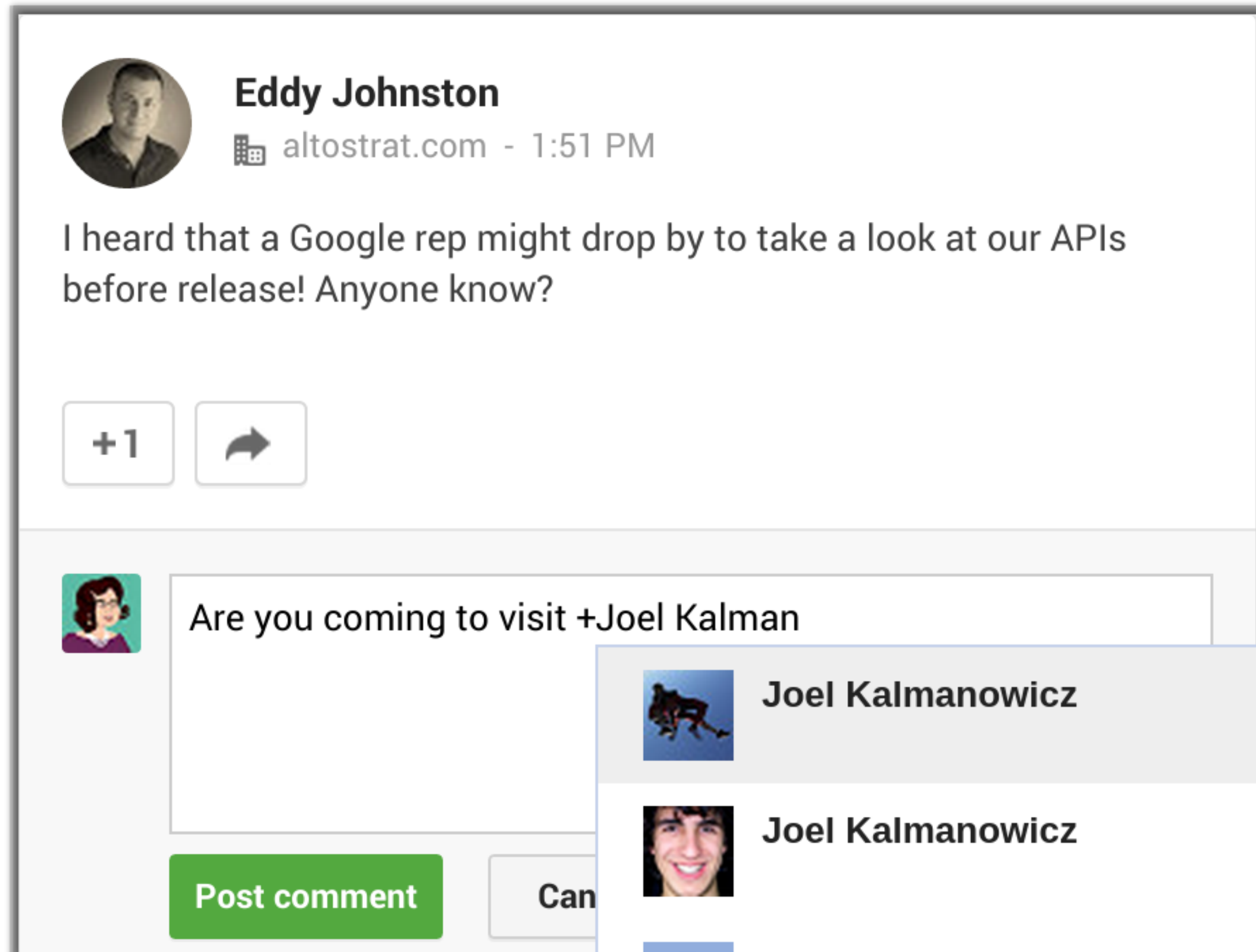
- Make the default setting for new posts unrestricted**  
Unrestricted posts can be shared outside of Ink 42
- Make the default setting for new posts restricted**  
Restricted posts can't be shared outside of Ink 42



# How Restricted Posts Work



# How Restricted Posts Work



**Eddy Johnston**  
altostrat.com - 1:51 PM

I heard that a Google rep might drop by to take a look at our APIs before release! Anyone know?

+1

Are you coming to visit +Joel Kalman

**Post comment** **Can**

**Joel Kalmanowicz**

**Joel Kalmanowicz**

The image shows a Facebook post interface. At the top, a post by Eddy Johnston from altostrat.com is visible, asking about Google API releases. Below it, a comment is being composed by a user. The comment text is "Are you coming to visit +Joel Kalman". A dropdown menu is open, showing two entries for "Joel Kalmanowicz", indicating that the user is selecting a specific person to tag in the comment. The interface includes a "+1" button, a share icon, and "Post comment" and "Cancel" buttons.







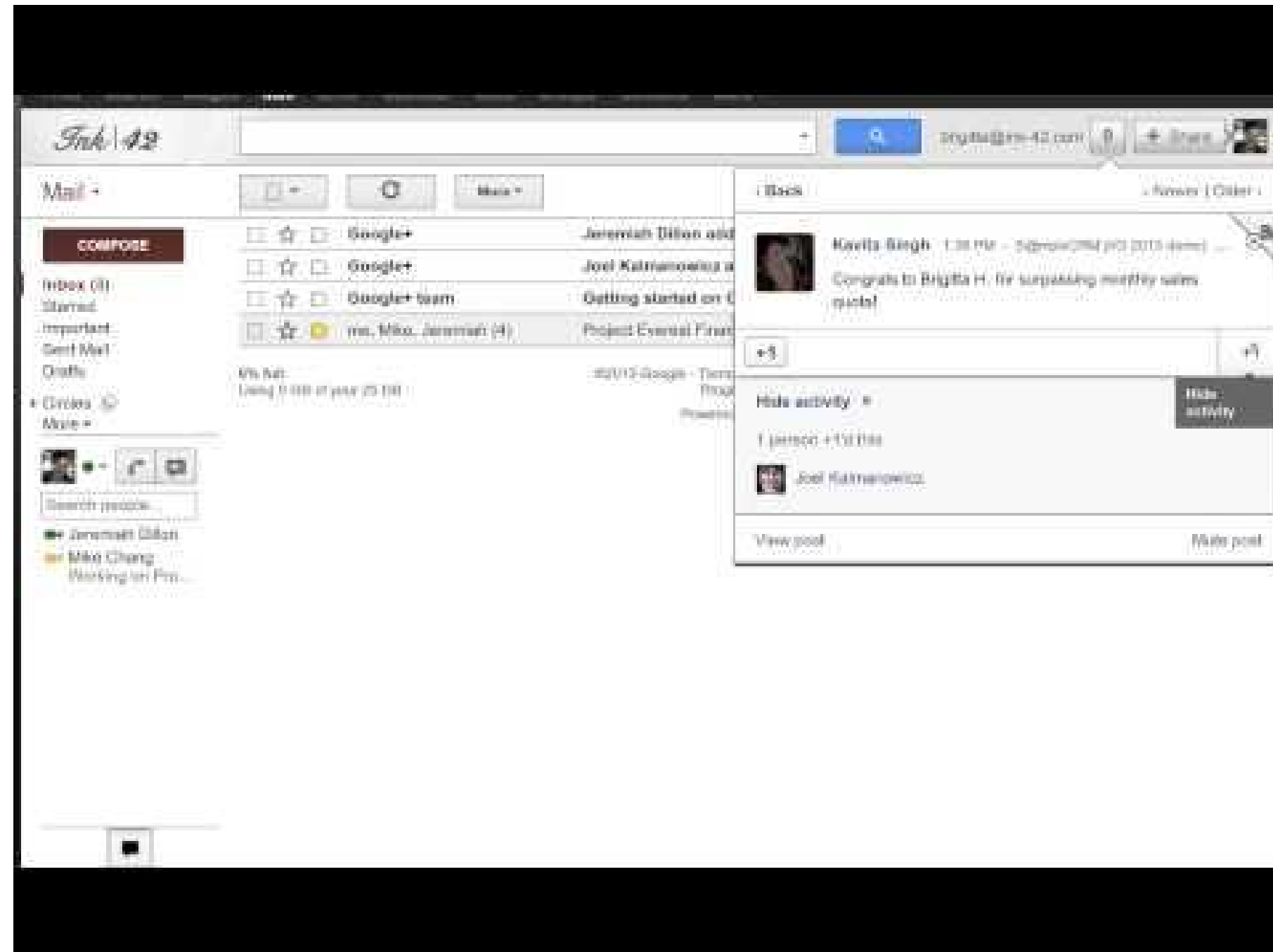
# What's New

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Google+ Domains API

# Google+ Domain API

## S@mple CRM Integration Demo



# Google+ Domain API

## Under the Hood - Setup

Java

```
@Override
protected void doPost(HttpServletRequest req, HttpServletResponse resp)
    throws ServletException, IOException {

    String msg = req.getParameter("msg");
    String email = req.getParameter("email");

    if (msg != null && !msg.isEmpty()) {
        GoogleAuthorizationCodeFlow authFlow = Utils.initializeFlow();
        Credential credential = authFlow.loadCredential(Utils.getUserId(req));
        Plus plus = new Plus.Builder(Utils.HTTP_TRANSPORT, Utils.JSON_FACTORY, credential).build();
    }
}
```



# Google+ Domain API

## Under the Hood - Post the Activity

Java

...

```
// Create and populate the activites
Activity activity = new Activity()
    .setObject(new PlusObject().setOriginalContent(msg))
    .setAccess(new Acl()
        .setItems(ImmutableList.of(
            new PlusAclentryResource().setType("domain"), // all of ink-42.com
            new PlusAclentryResource().setType("person").setId(email) ))
        .setRestricted(true)); // required, this does the domain restriction

// make the API call returning the newly created activity posted as 'me'
Activity response = plus.activities().insert("me", activity).execute();
```



# Google+ Domain API

## Under the Hood - Write URL and Finish

Java

...

```
PrintWriter respWriter = resp.getWriter();  
resp.setStatus(200);  
respWriter.write(activity.getUrl());  
respWriter.close();  
}  
}
```



# Google+ Domain API

## Safeguards

### Limited to

- **Google Apps customers**
- ***Your domain***
  - ***Write posts restricted to your domain***
  - ***Read posts from domain users***





# Summary & Next Steps

Register Your Interest

# Summary: Context

### Sharing settings

**Sharing posts**  
Locally applied

- Make the default setting for new posts unrestricted**  
Unrestricted posts can be shared outside of Ink 42
- Make the default setting for new posts restricted**  
Restricted posts can't be shared outside of Ink 42  
⚠ This option disables Google+ on mobile devices. Full mobile support will be available soon.

**Note:** Anyone can change a post to restricted or unrestricted before sharing.  
[Learn more](#)

**Hangout options**  
Locally applied

**Hangouts**

- People outside of Ink 42 can't join a hangout unless invited.  
If unchecked, anyone with a link to a hangout can join. [Learn more](#)
- Allow Hangouts On Air**  
Hangouts On Air can be broadcast to a large audience. [Learn more](#)

+1   ➔

Check with +allison

- Allison Sommer  
 Project Everest
- Allison Sommer  
Google

[ink-42.com](#)

Post comment

Let's get an update on our current contracts. I'm only at liberty to discuss V1 at this time.

**Attach:** Photos Video Link Event

**To:** Ink 42 Your circles

+ Add more people

**Restricted to Ink 42**  
This post won't be shared with users outside of Ink 42.  
[Learn more](#)

**Share**   **Cancel**    Also send email   **Allow external sharing**

Normal text   Arial   11

## Project Panda

2013 Product Launch Plans

allison

eloise

pete

Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper.

- Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse.
- Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper.

Product	2012	2013
Product A	2	1
Product B	3	1
Product C	2	3
Product D	2	4
Product E	2	2





# Summary: What's New

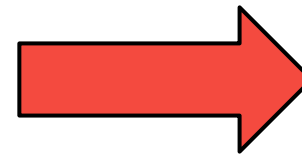
## Google+ Domains API

Percent to Goal: 112.0%

Post Congrats to Brigitta H.!


```
Activity activity = new Activity()
    .setObject(new PlusObject().setOriginalContent(msg))
    .setAccess(new Acl()
        .setItems(ImmutableList.of(
            new PlusAclEntryResource().setType("domain"),
            new PlusAclEntryResource().setType("person").setId(email) ))
        .setRestricted(true));
Activity response = plus.activities().insert("me", activity).
execute();
```



Java





[Back](#) [Newer](#) | [Older](#)

New comment [Joel Kalmanowicz](#)

 **Kavita Singh** 1:36 PM - S@mpleCRM (I/O 2013 demo) ...  
Congrats to Brigitta H. for surpassing monthly sales quota!

+1   +1

 **Brigitta Humuhumunukunukuapua'a** 1:38 PM [Edit](#)  
Thanks all! Can't wait for my Maui vacation next month!

 **Joel Kalmanowicz** 1:38 PM [+1](#) [Reply](#)  
Hey +[Mike Chang](#) she's really whipping our behinds!  
  
Brigitta, what's your secret? I'm having difficulty closing the SMBs.  
[Expand this comment »](#)

Add a comment...

[View post](#) [Mute post](#)



# Next Steps

Get Involved

- **Register Your Interest at [goo.gl/CitdT](https://goo.gl/CitdT)**
- **Talk to your Account Managers**
- **Ask your software vendors to build integrations**





# Questions & Answers

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Google+ for Businesses and Schools

# <Thank You!>

Please submit your feedback on the app, using a QR code reader, or on our website!

**Joel Kalmanowicz**  
**Thunder Parley**





Google

Developers