A long time ago in a galaxy far, far away ...

- What
  - Leveraging an existing Google+ Auth in dotCMS
  - Quickly setting up the Google+ Auth Plugin
  - Building the Google+ Auth Plugin
- What Not
  - Pluggable Authentication
  - dotCMS Users
- Who
  - Developers

Your Jedi, My Lightsaber

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Aquent

Enterprise Information Systems

Our Quest

- We have an existing Google Apps Enterprise
- Phase out support for OpenID in favor of Google+ OAuth
- Allow agents to log in and edit their profile data
- No need to have agents have a dotCMS account.

The Plugin

https://github.com/aquent/com.aquent.dotcms.plugins.gplusauth

App Setup on Google Cloud - 1

- Create A Project at cloud.google.com
- Turn on Google+ API
  - APIs & auth > APIs

App Setup on Google Cloud - 2

- Create new OAuth Client ID
  - APIs & auth > Credentials > Create new Client ID
  - Application Type = Web Application
  - List your domains under Authorized Javascript Origins
  - List your redirects under Authorized Redirect URI: http://mydomain.com/app/oauth2callback
  - Create Client ID
  - Make a note of your Client ID and Client Secret

App Setup on Google Cloud - 3

- Setup Consent Screen
  - APIs & auth > Consent Screen
  - Set Email Address
  - Set Product Name

Deploying the Plugin

- System > Dynamic Plugins > Upload Plugin

Modify the Host Structure

- Structures > Host
  - Add New Field:
    - Display Type = Text
    - Label = GPlus Client ID
    - Data Type = Text
  - Add New Field:
    - Display Type = Text
    - Label = GPlus Client Secret
    - Data Type = Text

Setting up Default Host Values

- System > Hosts > Default Host
  - Copy in your GPlus Client ID
  - Copy in your GPlus Client Secret
  - Lock for Editing > Save / Activate

Setup Pages

- Create a new template
  - See [Example VTL]
- Create pages using the new template

Building the plugin