

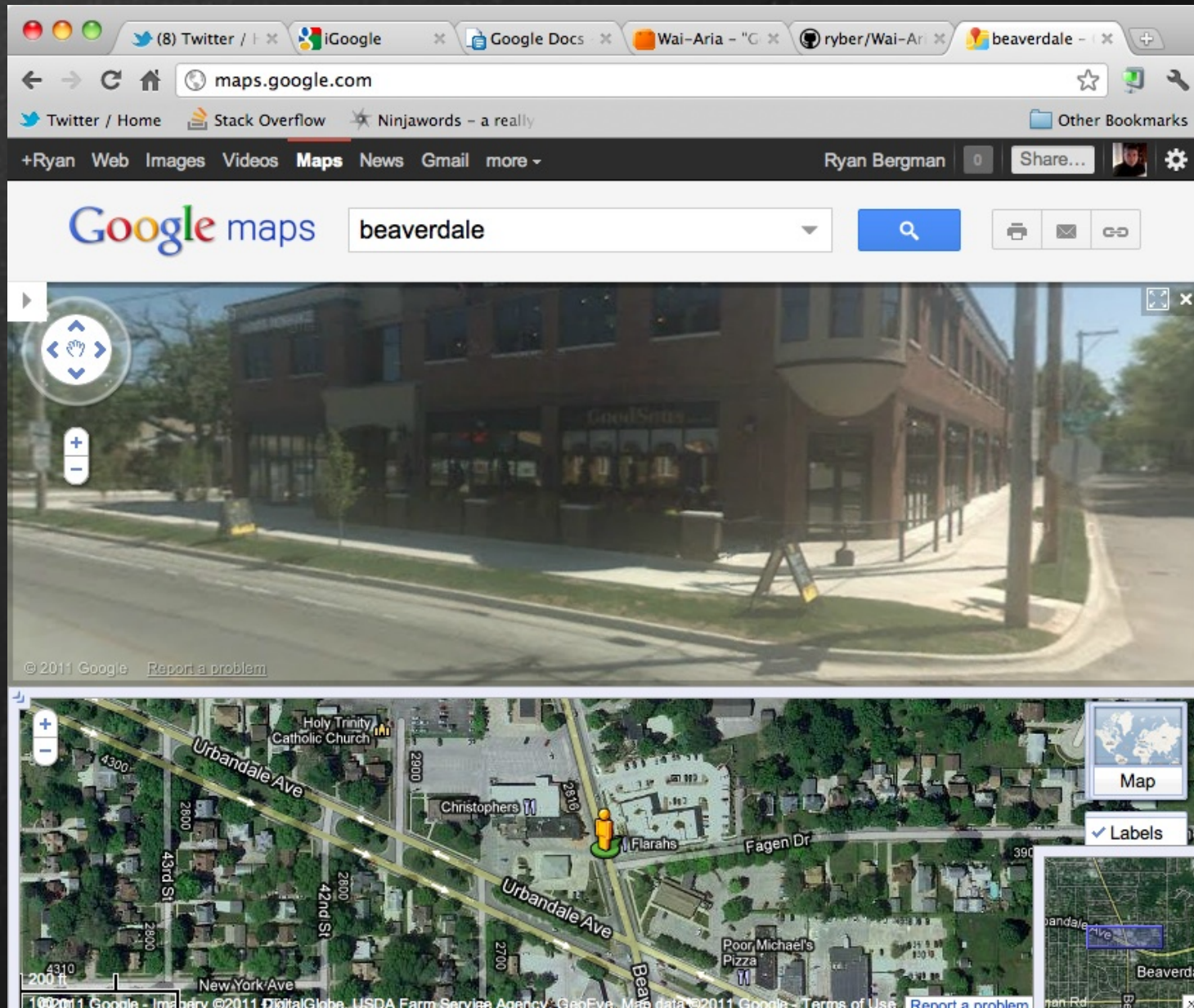
# WAI-ARIA

Web Accessibility Initiative -  
Accessible Rich Internet  
Applications Suite

# In '94 standards had to deal with this...



# 508 and the W3C didn't expect this:





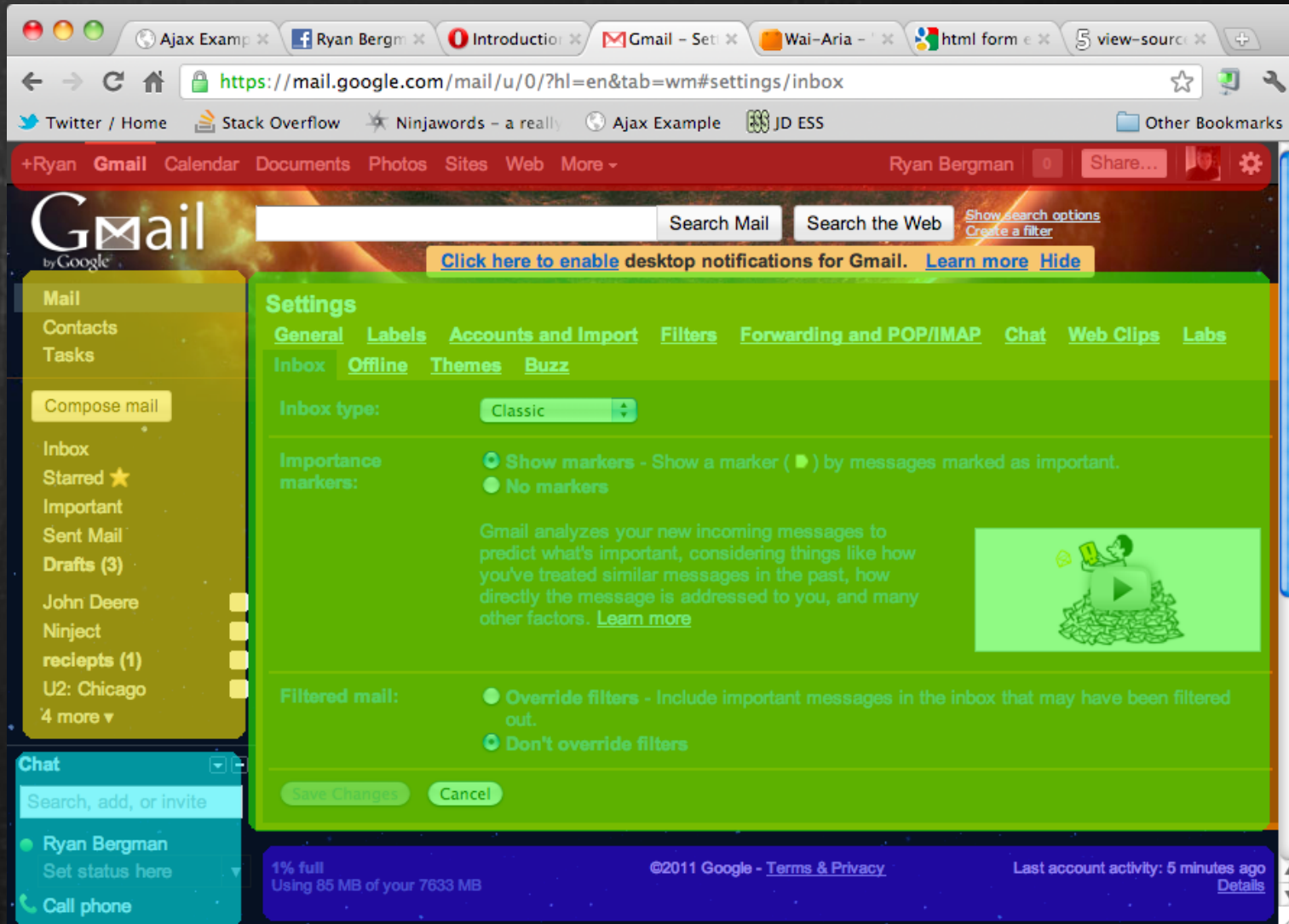
Web  
Accessibility  
Initiative

Accessible  
Rich  
Internet  
Applications

"Web accessibility means that people with disabilities can use the Web"

So what does Wai-Aria Tell  
Us That Regular HTML does  
not?

# What is the layout of the site? (landmarks)





# What are the controls?

The screenshot shows the Gmail Settings page for the account 'Ryan Bergman'. The browser's address bar displays the URL `https://mail.google.com/mail/u/0?hl=en&tab=wm#settings/inbox`. The page layout includes a left sidebar with navigation links like 'Mail', 'Contacts', and 'Tasks', and a main content area titled 'Settings'.

Annotations on the page include:

- A blue oval highlights the 'Settings' header and its sub-tabs: 'General', 'Labels', 'Accounts and Import', 'Filters', 'Forwarding and POP/IMAP', 'Chat', 'Web Clips', and 'Labs'.
- A red oval highlights the 'Inbox type' dropdown menu, which is currently set to 'Classic'.
- A red oval highlights the 'Importance markers' section, showing radio buttons for 'Show markers' (selected) and 'No markers'.
- A red oval highlights a video player showing a person sitting on a pile of coins.

The 'Settings' page content includes:

- Inbox type:** A dropdown menu set to 'Classic'.
- Importance markers:** Radio buttons for 'Show markers' (selected) and 'No markers'.
- Filtered mail:** Radio buttons for 'Override filters' and 'Don't override filters' (selected).
- Buttons:** 'Save Changes' and 'Cancel'.

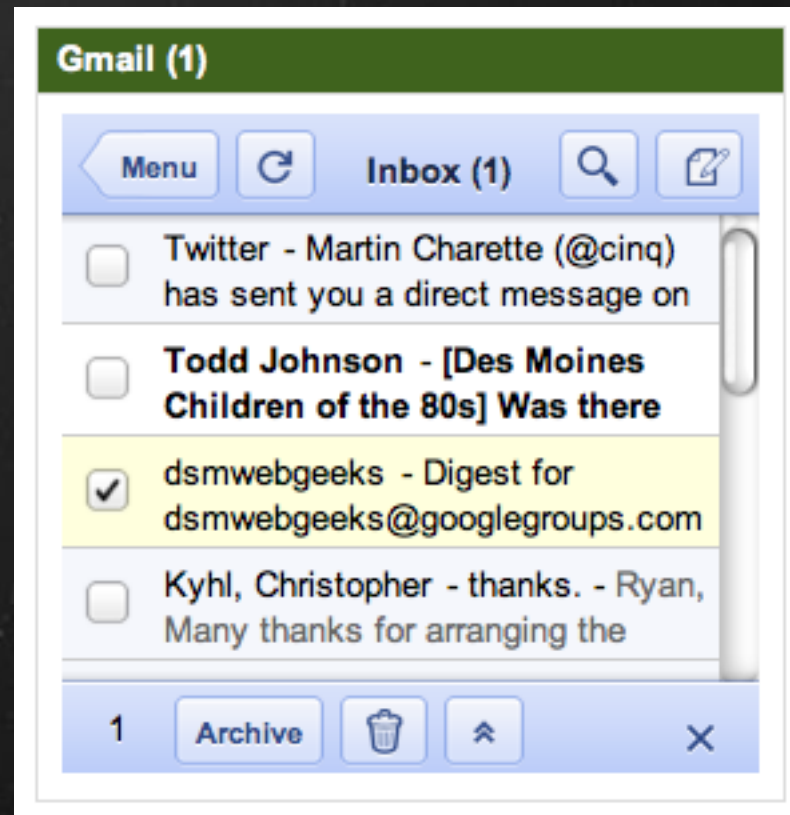
The bottom of the page shows the user's storage status: '1% full Using 85 MB of your 7633 MB'. The footer includes copyright information: '©2011 Google - Terms & Privacy' and 'Last account activity: 5 minutes ago Details'.



# WHEN an element is changing? Do we Care?



# Why is an element changing? and What is causing the change?



# Refs

- <http://www.w3.org/WAI/intro/aria>
- 
- [http://wiki.codetalks.org/wiki/index.php/Main\\_Page](http://wiki.codetalks.org/wiki/index.php/Main_Page)
- [http://wiki.codetalks.org/wiki/index.php/Set\\_of\\_ARIA\\_Test\\_Cases](http://wiki.codetalks.org/wiki/index.php/Set_of_ARIA_Test_Cases)
- 
- <http://test.cita.uiuc.edu/aria/>