

Cloud Computing 4 Depository Libraries

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Detroit, MI

DLC Meeting & Conference
Washington DC
Oct. 17-20, 2011

Latest developments

- + (Google Plus = social media)
- Amazon, Apple (iCloud), IBM (SmartCloud 4 Social Coll 4 Gov), Microsoft (Live), Oracle
- Android emulation on iPad (Myriad Alien Dalvik 2.0)
- OpenClass (Google FREE LMS - Learning Management System) OR create a blog based LMS (with lots of gadgets)

TRENDS

- cloud apps & OS
- DO-IT-ALL one device
 - phone, tablet, Chromebook
- mobile SaaS
- push technology (ALL social media)
- SSD (Solid State Drive)
- XML5

WHY Google Cloud

- 1st 'cloud' corp. (no hardware legacy)
- + (Google's social media)
- any device (phone, laptop, tablet, pc)
- apps sharing & collaboration in RT
 - cloud: community, private, public, hybrid
- analytics & stats
- apps integration via contacts
- 'cut & paste' code 4 most apps & gadgets
- file conversion, storage, sharing & collaboration
- language translation in RT (> 50: browser, docs, alerts, gadgets; mobile too)
- offline access (several apps)
- 'more like it' (recos)
- tutorials/help 4 ALL apps in UTube!

FREE 7 GB storage

(more if Open Document Format & video smaller than)

Why Google Chrome browser

- 3S: secure, simple, speed
- all your work from browser
- auto-update, cloud printing, print2pdf
- extensions, plug-ins, Chrome web store
- portableapps.com version
- remote access via Browser
- RT translation > 60 languages
- synchronization (any platform)

Chromebook
(hardware with Google web OS)

The screenshot displays the Google Home page with a grid of product tiles. Red arrows point to several tiles: Chrome Web Store, Docs, Google Translator Toolkit, Sites, Alerts, Blogger, Checkout, Custom Search, and YouTube. The footer contains copyright information and links to Google Home, Terms of Service, Privacy Policy, and Help.

My products - [Edit](#)

AdSense	AdWords	Alerts - Manage Help
Analytics - Settings	App Engine - My Applications	Blogger - Settings
Bookmarks	Calendar - Settings	Checkout
Chrome Web Store	Code	Custom Search - My Search Engines
Docs - Settings	FeedBurner	Gmail - Settings
Google+	Google Chrome Sync	Google Places
Google Translator Toolkit	Google URL Shortener	Groups - Manage subscriptions
Health - Settings	iGoogle - Settings Add content	Knol
Maps - My Maps	Mobile	Music Beta by Google
News	New Service	New Service
New Service	Notebook	Orkut - Settings
Panoramio	Picasa Web Albums - Settings	Reader - Settings
Sites	Subscribed Links - My Subscribed Links	Talk
Voice	Wave	Web History
Webmaster Tools	YouTube	

©2011 Google - [Google Home](#) - [Terms of Service](#) - [Privacy Policy](#) - [Help](#)

Google Docs

- create: doc, presentation, spreadsheet, form, drawing, table
- graphical interface: drag & drop
 - upload: file & folders / drag & drop
 - FREE: 7 GB (5 GB iCloud, 25 GB SkyDrive)
 - buy GB (20/80/200/400, etc.)
- convert 2 odf (FREE storage), pdf, html, rtf, txt
- translate > 50 languages
- publish, share & collaborate
 - RSS 4 updates
 - revision history
- search box: view by Type, Visibility, Ownership

+1 (Google's social media)

The screenshot shows the Google Docs interface for a user named 'michael'. The main window displays a folder named 'surveys-selfstudies' containing a list of files. The files list includes columns for checkboxes, file names, owners, and last modified dates. The file '2005-survey-essentials.es.mht' is selected and highlighted in yellow. On the left sidebar, the folder 'surveys-selfstudies' is also highlighted with a red box. Red arrows point from the search bar at the top right to the folder name in the sidebar and to the selected file in the main list.

File Name	Owner	Last Modified
survey-2000.pdf	me	11:25 am
survey-2001.pdf	me	11:22 am
survey-2005.mht	me	4/9/10
survey-2003.mht	me	4/9/10
survey-2003.htm	me	4/9/10
survey-2001.htm	me	4/9/10
survey-1999.htm	me	4/9/10
Whiffman-agreement-selectivehousing.doc	me	4/9/10
selfstudy-enc-citations-to-rfc	me	4/9/10
selfstudy-guile.doc	me	4/9/10
selfstudy-gozevaluationsummary.doc	me	4/9/10
inspectiv-transtrac.htm	me	4/9/10
index4study-survey.htm	me	4/9/10
godori-directoriesurvey-2000.htm	me	4/9/10
godori-directoriesurvey-2000.htm	me	4/9/10
2007-biennial-survey.doc	me	4/9/10
2007-biennial-survey.rtf	me	4/9/10
2005-survey-essentials.es.mht	me	11:25 am

DLC presentation is ALL Google!

- created with Google Docs Presentation
 - shared & published @
 - <https://docs.google.com/present/view?id=dfcqz5ss884f3smg8r7>
 - Google URL Shortener (4 above link)
 - <http://goo.gl/dAnmo>
 - HTML code 4 browser/kiosk LIVE presentation -> *see next slide*
 - screen capture via Google Chrome Screen Capture Extension (all slides in this presentation)

The screenshot shows the Google Docs 'Publish this presentation' interface. Key elements include:

- A notification: "This document is published on the web." with a red arrow pointing to the URL.
- The URL: <https://docs.google.com/present/view?id=dfcqz5ss884f3smg8r7>
- A "Stop publishing" button with a red arrow pointing to it.
- The "Presentation Player" section with a red box around its title and a red arrow pointing to the "Copy the code below" text.
- The HTML embed code:

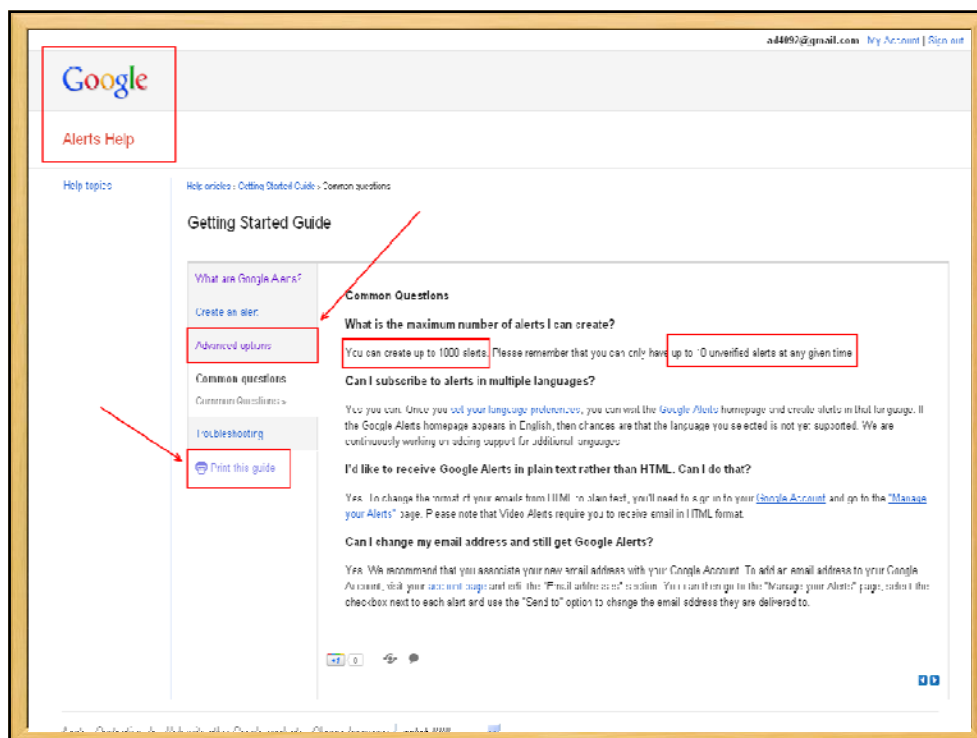
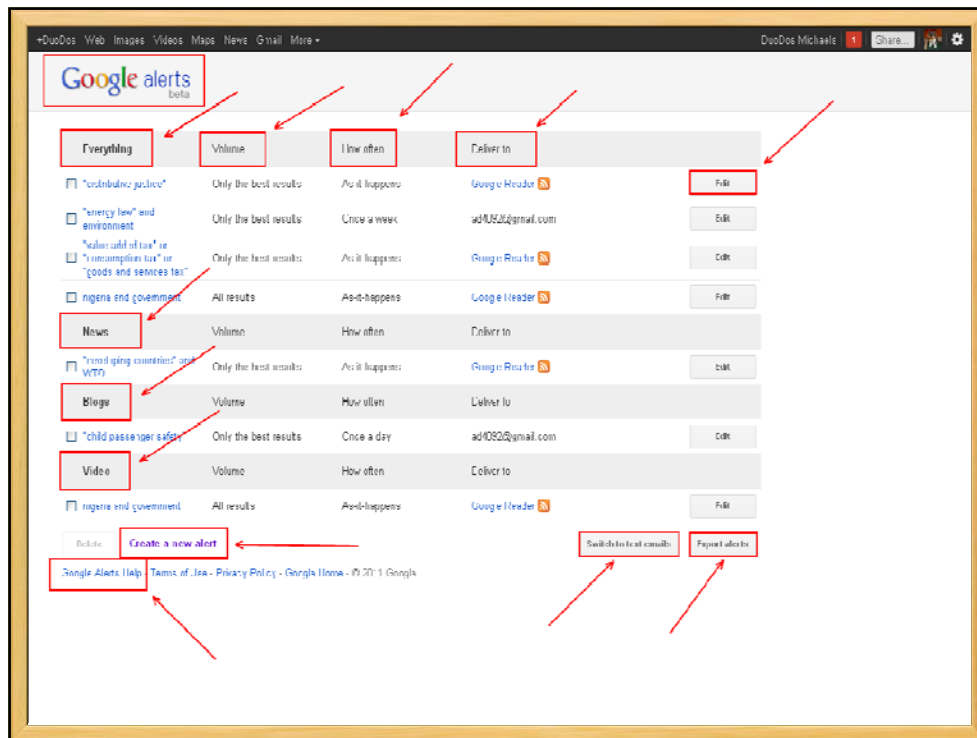
```
<iframe src="https://docs.google.com/present/embed?id=dfcqz5ss884f3smg8r7&autoStart=true&loop=true" frameborder="0" width="410" height="342"></iframe>
```
- A preview of the presentation slide on the right with the text: "Cloud Computing 4 Depository Libraries" and "Michael Sanson, Wayne State University, Law School Library, Detroit, MI".

Google Alerts

- Type: Everything OR
 - News
 - Blogs
 - Video
 - Discussion
- How often: As-it-happens (RT) OR
 - once/day
 - once/week
- Volume: best results v. all results
- Deliver to: e-mail OR feed (RSS 2 iGoogle OR Google Reader)

PREVIEW box
Manage page

The screenshot shows the Google Alerts web interface. At the top, the search term "federal depository" is entered in the search box, and a "Preview results" button is visible. Below the search box, there are four dropdown menus for configuring the alert: "Type" (set to "Everything"), "How often" (set to "As-it-happens"), "Volume" (set to "Only the best results"), and "Deliver to" (set to "Feed"). A red "CREATE ALERT" button is located below these settings. To the right, a "Google Alert for today" preview box shows the email header: "From: Google Alerts <googlealerts-noreply@google.com>" and "To: Fred". Below the header, a "News" section is displayed with a link to "show results for federal depository". The preview includes a snippet from "InfoToday.com" dated "26, 2011" and a snippet from "MarkWhatch (press release)" dated "Flushing Bank is a trade name of Flushing Savings Bank, FSD, a federally chartered stock savings bank insured by the Federal Deposit Insurance Corporation. The Bank serves consumers and businesses by offering a full complement of deposit, loan, ...". At the bottom of the page, there is a footer with links for "Manage your Alerts", "Google Alerts Help", "Terms of Use", "Privacy Policy", "Google Home", and "© 2011 Google".

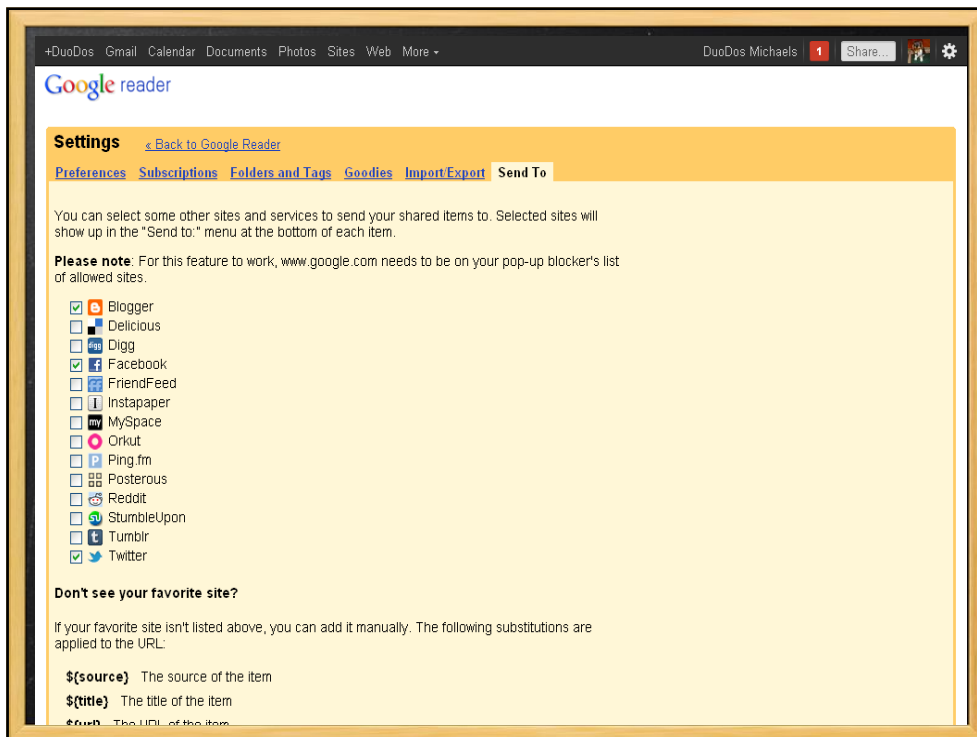
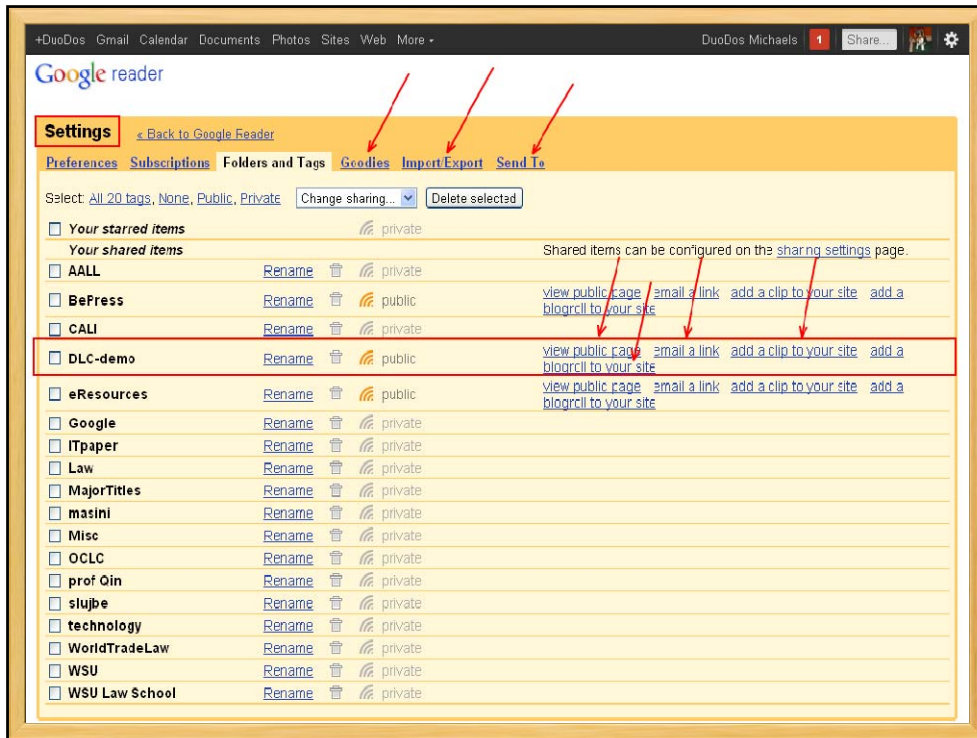


Google Reader

- add, browse, explore, recommended
- new v. all, list v. expand
- **SETTINGS**
 - folders & tags
 - private v. public (view public, add clip, add blogroll)
 - goodies, import-export
 - sent to (Facebook, Twitter, etc.)
- share/e-mail/send to (social media automation)
- shared items
- show details/translate/more like this...

The screenshot shows the Google Reader interface with several red annotations and arrows pointing to specific features:

- Search:** An arrow points to the search bar with the text "search ALL feeds or individual ones!".
- Feed Settings:** An arrow points to the "feed settings" link for the "USA.gov News" feed with the text "translate & discover new related feeds!".
- Subscribers:** An arrow points to the "Subscribers: 265" text with the text "only 265 subscribers?".
- Social Media:** An arrow points to the "Add clip" button for the "Be a Smart Shopper" item with the text "send 2 social media (Blogger, Facebook, Twitter, etc.)".
- Language:** An arrow points to the "Be a Smart Shopper" item with the text "this blog is in Chinese & it can be translated in >50 languages via 'Feed settings...'".
- Navigation:** An arrow points to the "All items" button in the top navigation bar.
- Left Sidebar:** Several arrows point to the left sidebar, highlighting the "Add a subscription" button, "Your stuff" section, "People you follow" section, "Explore" section, and "Subscriptions" list.



Google Blogger

- browser & mobile devices
- GUI
- gadgets (> 1100)
- pages (web)
- comments
- stats
- layout
- template
- settings

Awareness services via Law Library push services and Google tools.

<http://heeflawlibrary.blogspot.com/>



... in the News

Wayne State University Law School

New York Times - [The Roller Coaster Ride Continues for Madoff Investors](#)

powered by
Google

9/29/11

Real Time Google Analytics

"[What's happening on your site right now?](#): The web is getting faster, and not just the speed of the pages, but also the speed of change. Before, it was fine to build a website and modify it only when new products were launched. All of us avid Analytics users know that's just not good enough. We need to be constantly on the lookout for problems and opportunities.

Currently, Google Analytics does a great job analyzing past performance. Today we're very excited to bring real time data to Google Analytics with the launch of Google Analytics Real-Time: a set of new reports that show what's happening on your site as it happens."

[Read more...](#)

Labels: [Cloud computing](#), [Google news](#), [Reference](#), [Technology](#)



About

[Read me!](#)

[Awareness services](#)

WorldCat bibliographies (real-time)

[Copyright law](#)

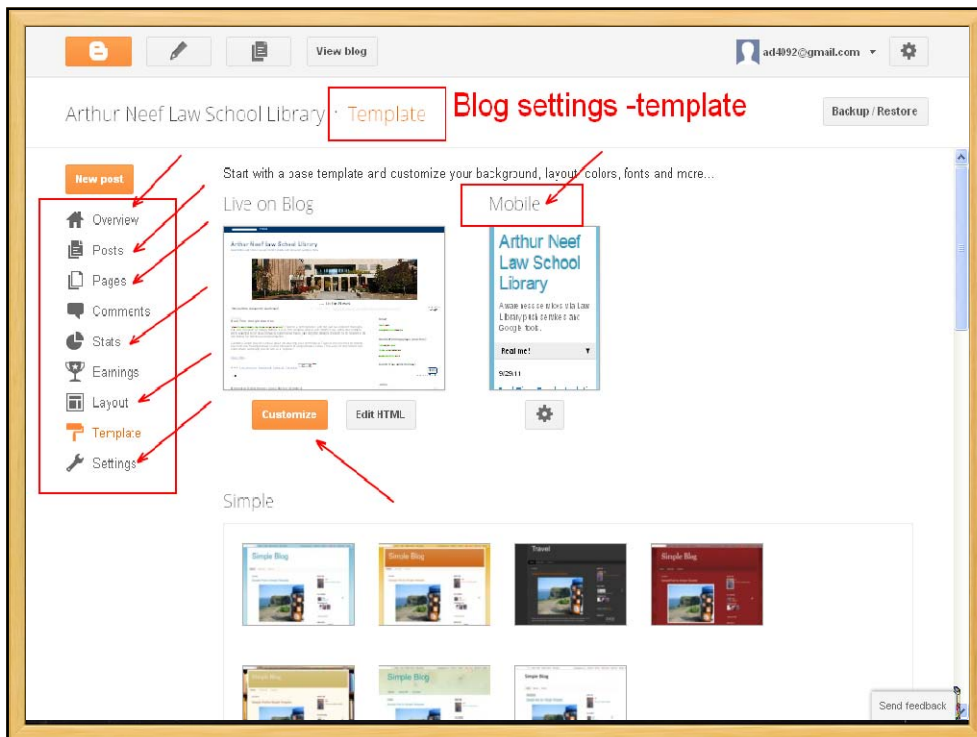
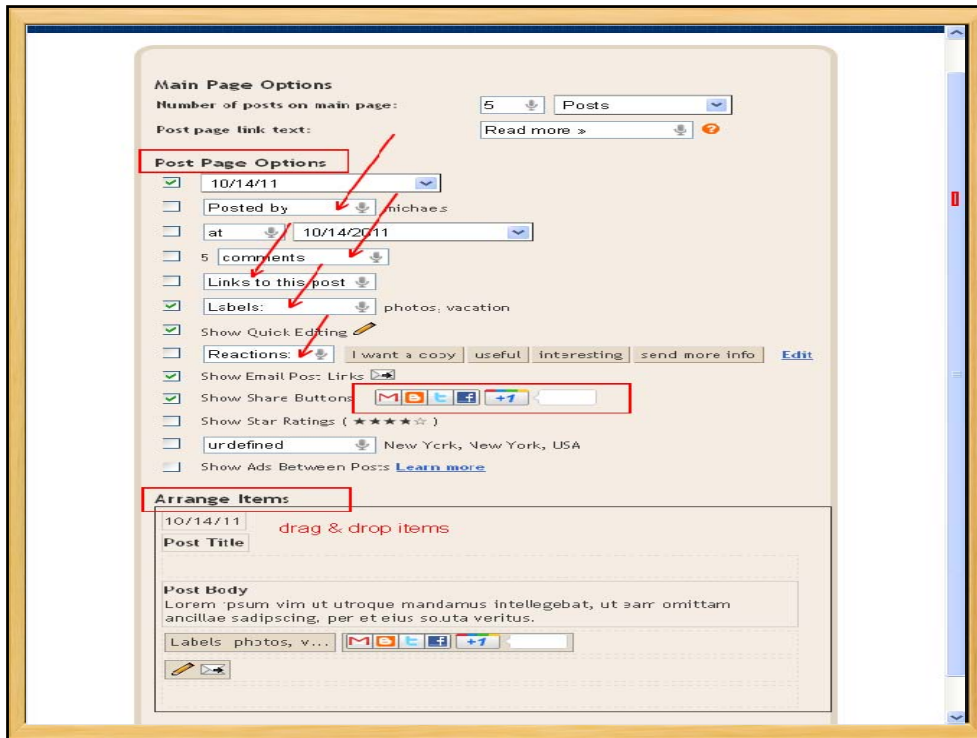
[Open Government](#)

[Value Added Tax](#)

Search (this site & its links)

powered by Google

Labels



Arthur Neef Law School Library **Layout** Save arrangement Preview Clear

New post

- Overview
- Posts
- Pages
- Comments
- Stats
- Earnings
- Layout**
- Template
- Settings

Add, remove, edit gadgets on your blog. Click and drag to rearrange gadgets. **To change columns and widths** use the Template Designer.

Favicon Edit: thur Neef Law School Lbr... Edit

Navbar Edit

Add a Gadget

Picture Edit

... in the News Edit

Blog Posts Edit

Add a Gadget

About Edit

WorldCat b bibliographies (re... Edit

Search (this site & its... Edit

_labels Edit

Send feedback

Arthur Neef Law School Library · **Stats** > Audience 2011 Oct 5 14:00 – 2011 Oct 12 13:00 How Day Week Month All time

New post

- Overview
- Posts
- Pages
- Comments
- Stats**
- Traffic sources
- Audience**
- Earnings
- Layout
- Template
- Settings

Pageviews by Countries

United States	65
Germany	2
Netherlands	2
United Kingdom	1
India	1
Latvia	1
Moldova	1
Russia	1

Pageviews by Browsers

Internet Explorer	62 (83%)
Firefox	8 (10%)
Chrome	3 (4%)
Opera	1 (1%)

Pageviews by Operating Systems

Windows	73 (98%)
Linux	1 (1%)

Send feedback

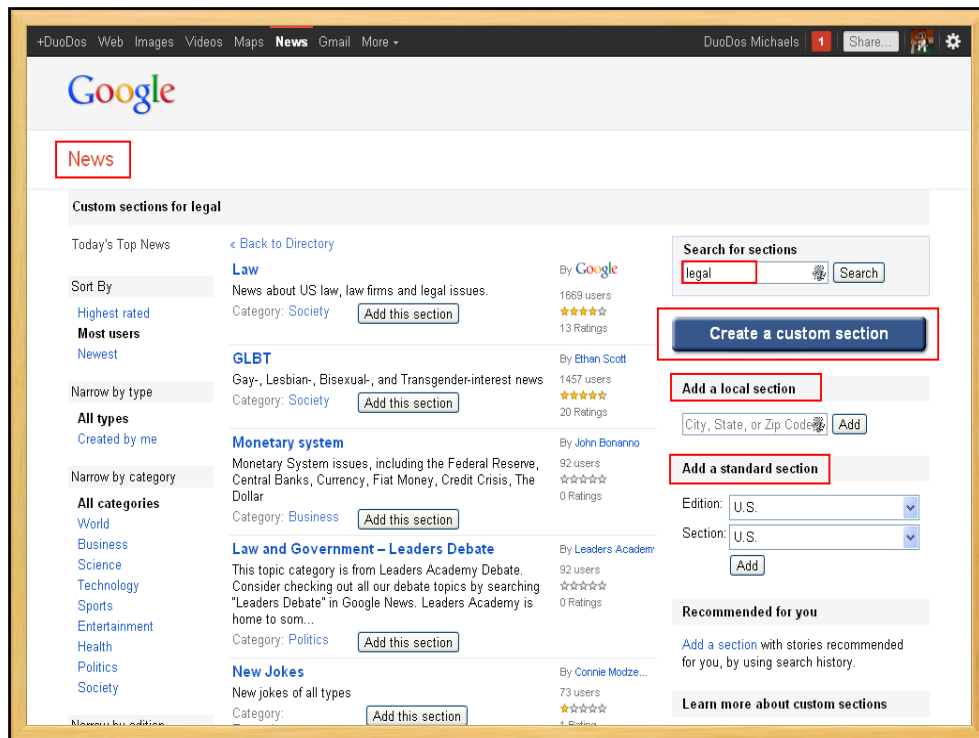
Google News

- Personalize
 - Advanced
 - Create a custom section
 - Search for sections
 - Add a local section (city, state, zip)
 - Add a standard section

The screenshot shows the Google News interface. At the top, there's a navigation bar with links for 'Web', 'Images', 'Videos', 'Maps', 'News', 'Gmail', and 'More'. The 'News' link is highlighted with a red box. Below the navigation bar is the Google logo and a search bar. The main content area is divided into several sections:

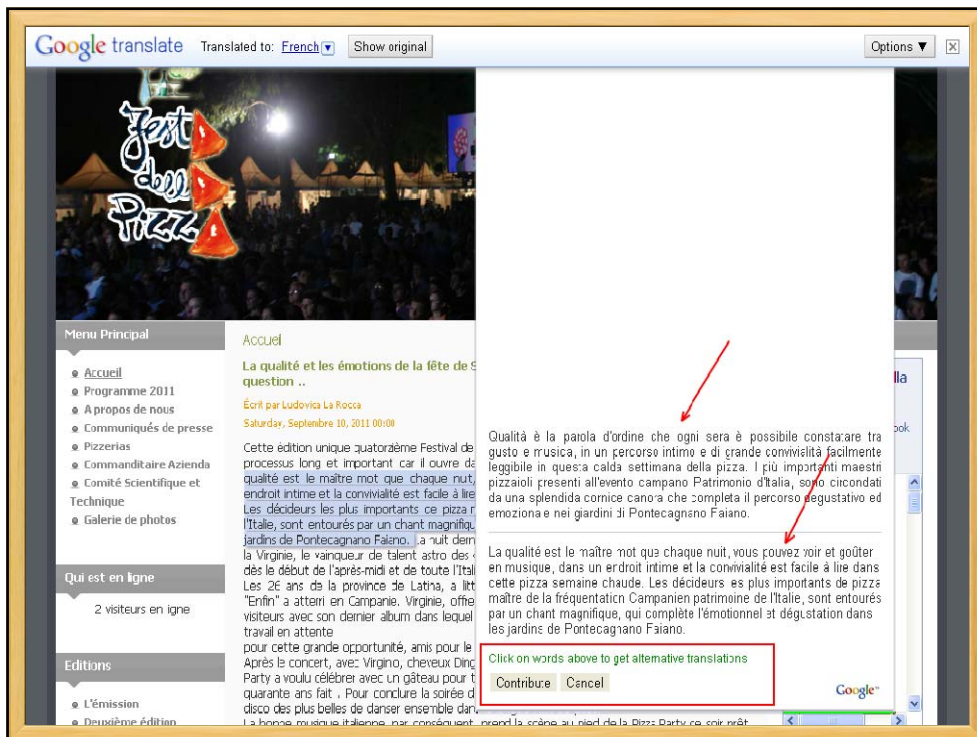
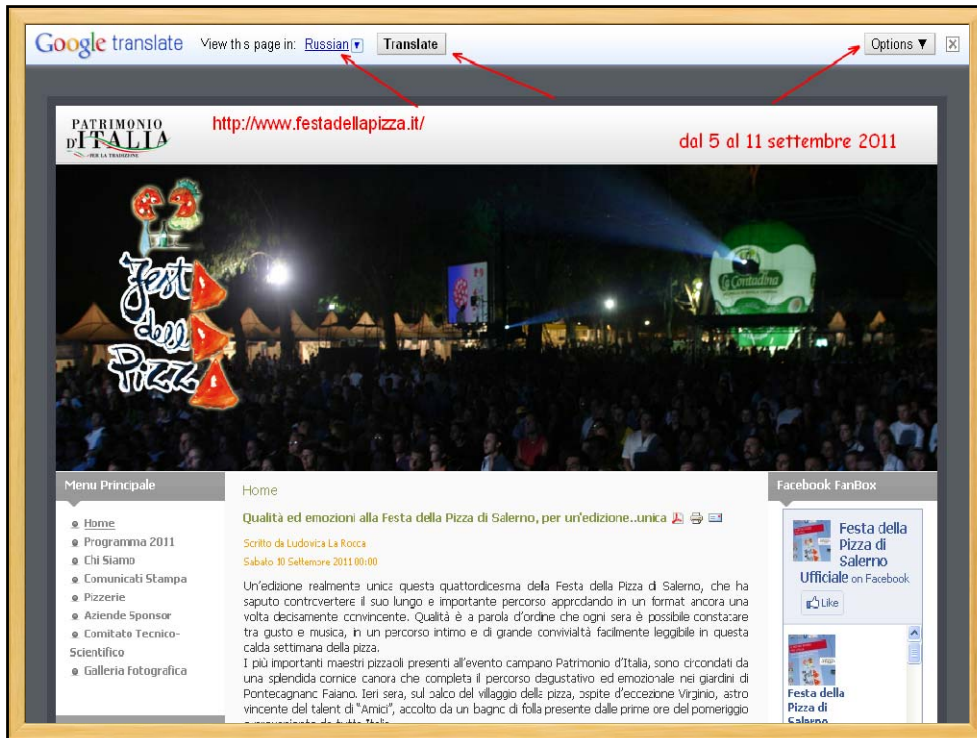
- News**: A red box highlights the 'News' tab.
- U.S. edition**: A dropdown menu for the current edition, highlighted with a red box.
- Personalize**: A button with a gear icon, highlighted with a red box.
- Personalize Google News**: A section with a red box around the title. It contains a list of categories with sliders to adjust their frequency: World, Technology, Health, U.S., Business, Entertainment, Sports, and Science. The 'Advanced' link below this list is also highlighted with a red box.
- Adjust Sources**: A section with a red box around the title. It contains a slider to adjust the frequency of any news source and a list of sources: New York Times, Fox News, CNN, and ESPN. The 'Save' button at the bottom of this section is highlighted with a red box.

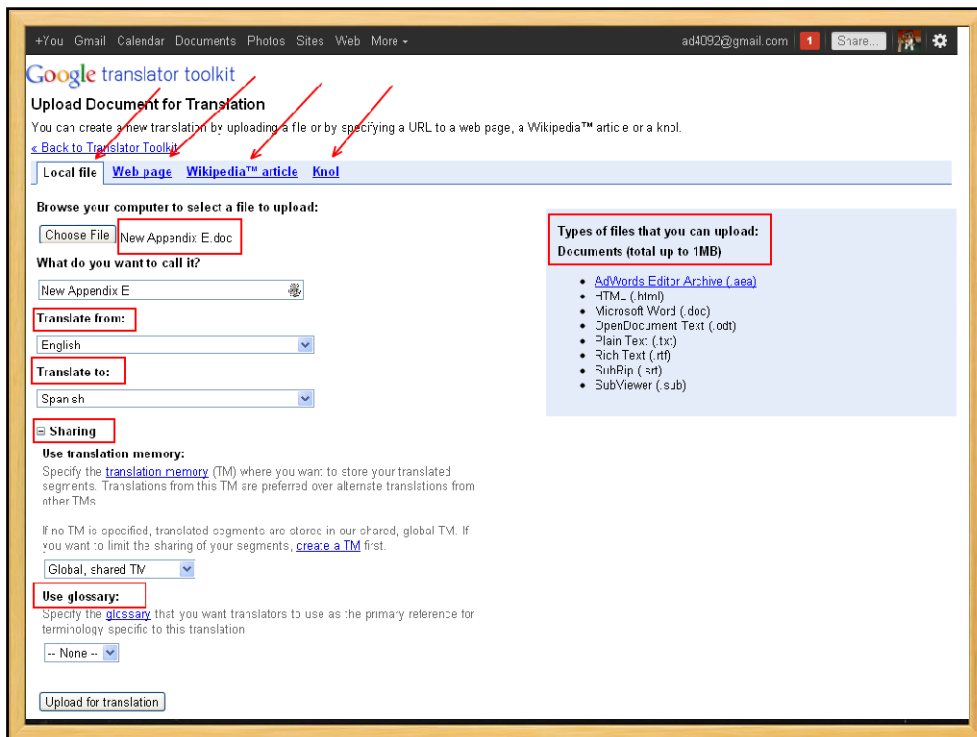
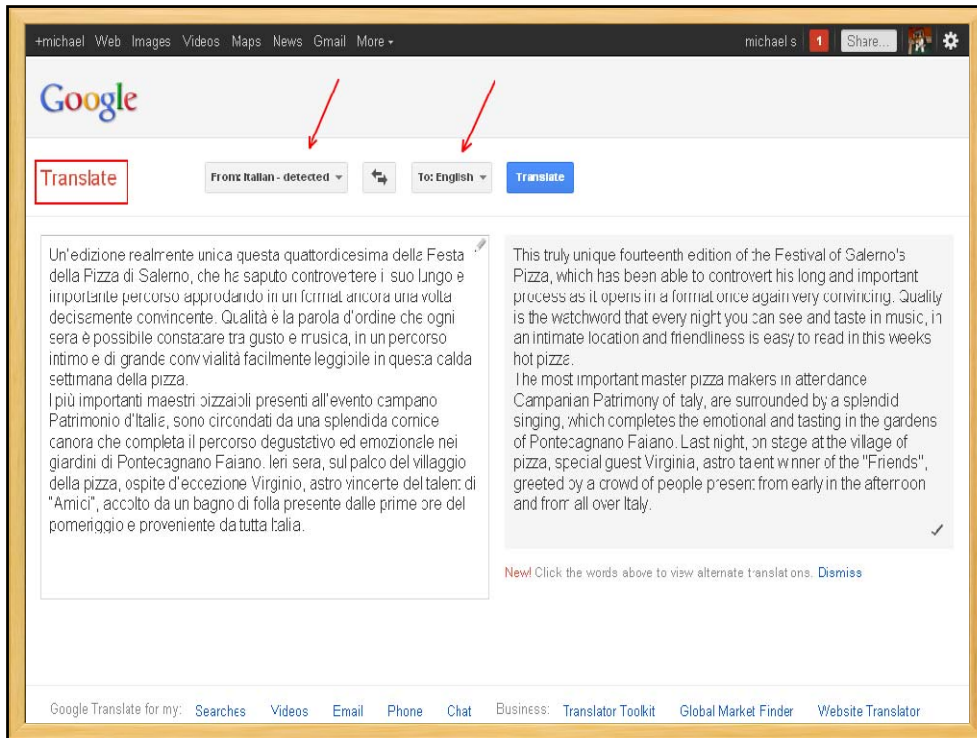
The main content area features 'Top Stories' with a prominent article titled 'Amanda Knox verdict: latest' from Telegraph.co.uk. Below it, there are video thumbnails and another article titled 'Wall Street Protests Have Tea Party Potential, Professor Says' from Bloomberg.



Google Translate & Translator Toolkit

- Chrome browser extension
 - <http://www.festadellapizza.it>
- Translate web page
 - <http://translate.google.com>
- Translator Toolkit
 - <http://translate.google.com/toolkit>
 - local file, web page, wikipedia, knol





Google Sites

- GUI
- insert Google gadgets & apps
- layout, format, mobile display
- revisions and RSS update feeds
- sharing & permissions
- statistics
- webmaster tools

The screenshot shows a Google Sites page titled "Introduction" with a subtitle "Updated Sep 30, 2011 11:27 AM". The page content includes a header "eResources & Services @ WSU Law Library" and a search bar. The main text reads: "Dear Law School faculty, students, and staff. My name is Michael Samson and I am your support librarian for electronic resources and services and legal awareness services. I can assist you with:" followed by a list of services: Awareness services (new), CALI Classroom (blogging/podcasting), e-Resources (remote access set-up and alert services), My library account (customized searches and e-mail alert service), Pipeline (customization, channels/RSS group portals with push services), RSS feeds (configuration and set-up 4 Law Library e-Resources), Virtual Private Network @ WSU (remote access to 'campus only' e-Resources), Westlaw Watch (customized searches & push services), WorldCat (customized lists/bibliographies and searches), and WSU online catalog and its interfaces. Below this, it states "Additionally I can assist you with computing issues related to all the above areas using 'cloud computing' & open source software" and lists: Google (cloud computing), Microsoft (cloud computing), Portable Applications (open source), RSS readers (browser based), and Voice over Internet Protocol (VoIP): Google, Skype, Vonage. Red arrows point to the edit, insert, more, and share icons in the top right corner of the page.

Introduction Save Cancel

Insert Format Table Layout

Normal 10 pt B I U A- A+ <HTML>

eResources & Services @ WSU Law Library

Search this site

Introduction

lots & lots of options 4 integration of other Google tools

Dear Law School faculty, students, and staff

My name is Michael Samson and I am your support librarian for electronic resources and services and legal awareness services.

I can assist you with:

- [Awareness services \(new\)](#)
- [CAU Classcaster](#) (logging/podcasting)
- [e-Resources](#) (remote access set-up and alert services)
- [My library account](#) (customized searches and e-mail alert service)
- [Pipeline](#) (customization, channels/RSS group portals with push services)
- [RSS feeds](#) (configuration and set-up 4 Law Library e-Resources)
- [Virtual Private Network @ WSU](#) (remote access to 'campus only' resources)
- [Westlaw Watch](#) (customized searches & push services)
- [WorldCat](#) (customized lists/bibliographies and searches)
- [WSU online catalog](#) and its interfaces

Additionally, I can assist you with computing issues related to all the above areas using 'cloud computing' & open source software

- [Google](#) (cloud computing)
- [Microsoft](#) (cloud computing)
- [Portable Applications](#) (open source)

Manage Site SAVE Cancel

Site name: eResources & Services @ WSU Law Library Show site name at top of pages Site storage: 0% of 100 MB used

Site description: what is the purpose of this site
WSU Law Library electronic resources and services for the Law School faculty, students and staff.

Mature content
 This site contains mature content only suitable for adults.

Landing page - This is the default landing page that users will see when they visit your site
Introduction Change

Statistics
 Enable Google Analytics for this site - Learn more
Analytics Web Property ID - Example: UA-12345-12

Google Webmaster Tools
Webmaster tools automatically verifies Sites with sites.google.com in the URL. For custom domains, you need to enter your webmaster tool verification meta tag. Visit Webmaster Tools | Learn more
Verification meta tag - example: <meta name="google-site-verification" content="RZWDKSD" />

Site display language
English (US)

Mobile
 Automatically adjust site to mobile phones

Access settings
Users who can access site activity: Anyone who can view this site
Users who can access revision history: Collaborators only

Copy this Site Publish this site as a template Delete this Site

Return to site | Terms | Powered by Google Sites

Google Custom Search

- Control panel
 - sites
 - indexing
 - analytics
 - look & feel
 - code
 - preview
 - statistics

The screenshot shows the Google Custom Search control panel for a site named 'DLC demo'. The interface is divided into a left sidebar and a main content area. The sidebar contains a navigation menu with categories like 'Basics', 'Sites', 'Indexing', 'Refinements', 'Promotions', 'Synonyms', 'Autocompletions', 'Google Analytics', 'Look and feel', 'Get code', 'Make money', 'Business settings', 'Advanced', 'Admin accounts', 'Audit Log', 'Preview', and 'Statistics'. A 'Resources' section is also present at the bottom of the sidebar. The main content area is titled 'Control panel - Sites: DLC demo' and shows a list of 'Included sites'. The first site listed is 'thomas.loc.gov' with a label 'Federal'. A red box highlights the 'Label actions...' dropdown menu for this site, which is currently set to 'Federal'. Another red box highlights the 'Include all sites this page links to' radio button option. Below the included sites, there is an 'Excluded sites' section which is currently empty. The footer of the page contains copyright information for Google and links to Google Home, About Google, and Privacy Policy.

ad4092@gmail.com | [My Account](#) | [Sign out](#)

Google custom search

[Overview](#)
[New search engine...](#)
 My search engines
 Select search engine...
 Control panel
[Basics](#)
[Sites](#)
[Indexing](#)
[Refinements](#)
[Promotions](#)
[Synonyms](#)
[Autocompletions](#)
[Google Analytics](#) ^{New!}
Look and feel
[Get code](#)
[Make money](#)
[Business settings](#)
[Advanced](#)
[Admin accounts](#)
[Audit Log](#)

Control panel - Look and feel: DLC demo

Choose a layout

Full-width Compact Two column Two page Results only Google-hosted

Display the search box on your web pages and search results in a Google-hosted page.
 Choose where your Google-hosted results appear:

[Learn more](#) about all the layout options.

Choose or customize a style

Default Bubblegum Green Sky Espresso Shiny Minimalist

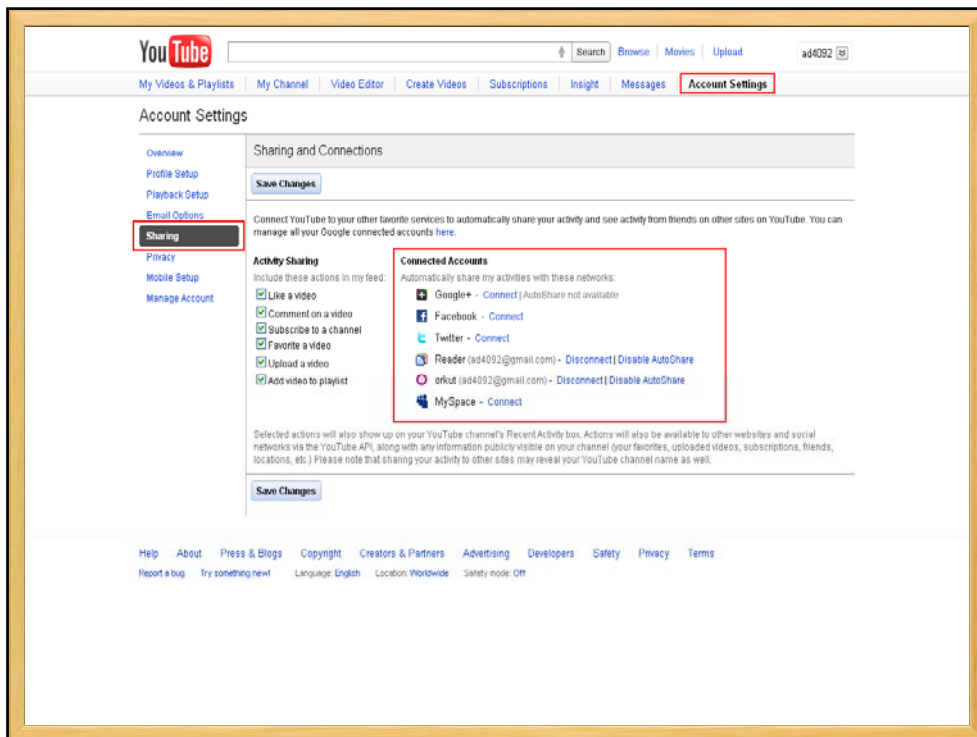
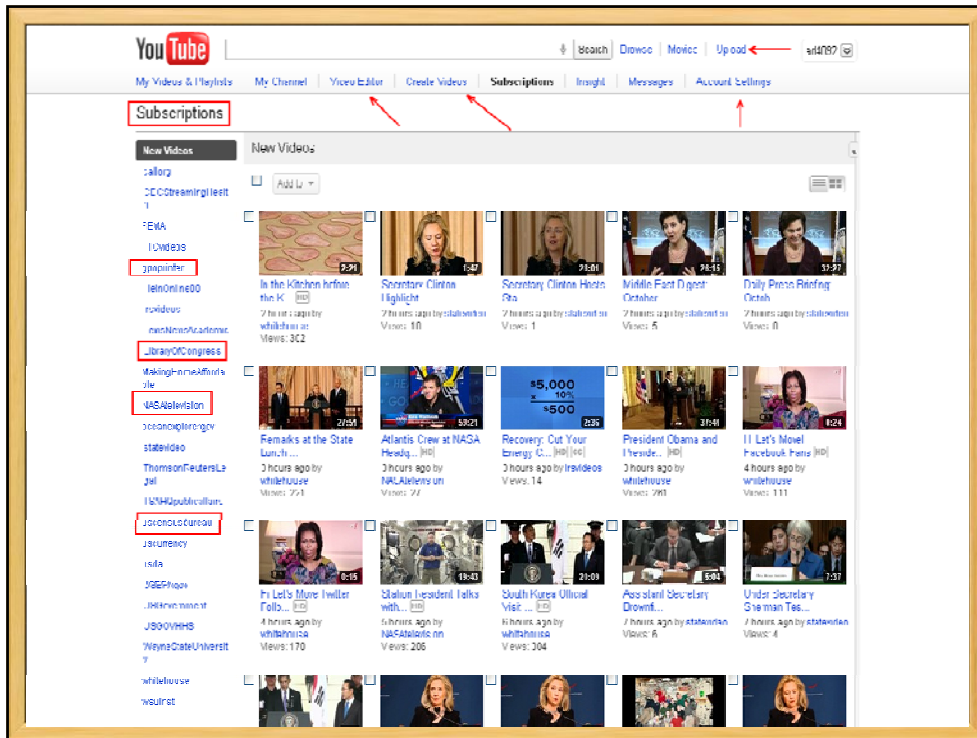
Customize

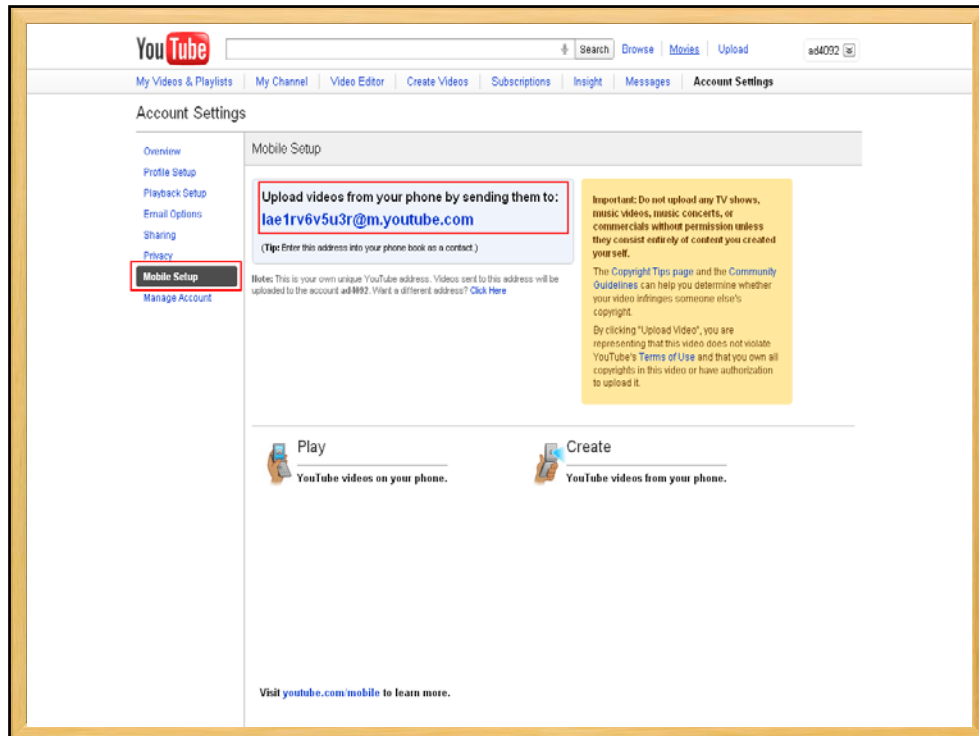
The Default style resembles standard Google search results.

[Want to do more? Extend the element with CSS and JavaScript or check our developer guide.](#)

YouTube

- browse & search
- cloud video editor
- cloud video recording (web cam)
- HD
- e-mail updates
- 'My Channel' & channel subscription
- phone videos upload
- playlists, favorites, etc.
- recos (more like it)
- sharing (other social media), embed





More info

- 2011 DLC Cloud Computing
- 2009 DLC Cloud Computing
- Google apps 4 gov
- Future of cloud comp in gov