

Google Apps Deciphered

Compute in the Cloud to Streamline Your Desktop

St. Louis UNIX Users Group

R. Scott Granneman

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www.granneman.com

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Last updated 20081210

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NEGUS SOFTWARE SOLUTIONS SERIES

Google™ Apps

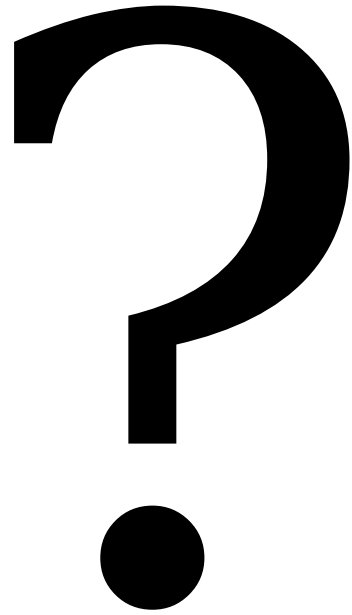
D E C I P H E R E D

Compute in the Cloud to Streamline Your Desktop

Scott Granneman



PRACTICE SOFTWARE FREEDOM





Bosses and grotesques adorn many buildings on the Hilltop Campus

SEARCH GO



News & Announcements



Sears Tower is susceptible?

- Gut microbes' partnership helps body extract energy from food, store it as fat
- Baby boomers' retirement could threaten Wall Street
- Central nervous system beckons attack in MS-like disease
- View all news stories/news media resources

RESOURCES FOR

- Prospective Students
- Current Students
- Faculty & Staff
- Alumni & Friends
- Parents & Families
- Visitors & the St. Louis Area
- Job Opportunities

LINKS FOR

- About WUSTL
- Admissions
- Schools & Departments
- Medicine & Health Care
- Teaching & Research
- Libraries
- Athletics

OF NOTE

- Orientation
- Diversity Initiatives
- Happenings
- MetroLink Construction
- McDonnell International Scholars Academy



A medical student and pediatrician Michael DeBaun care for a patient.

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Reporting Copyright Problems



Adjunct Professor

Washington University in St. Louis

“Technology in Our Changing Society”

“Web Site Management”

“Web Design” & “Advanced Web Design”

“From Blogs to Wikis:
Building Community in a Virtual Environment”

“Technology & The Law”

“Practical Security”

don't
on the click
blue e!

switching to firefox



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Scott Granneman

EXTREMETECH™

Scott Granneman

Hacking Knoppix



Look through any Windows

Build tools to repair and recover what you thought Windows had lost



IT'S ALL HERE

bootable Live CD features Knoppix Light 4.0.2

This one's **MINE**

□ Customize a Knoppix distro just for your needs

Scott Granneman

ESSENTIAL CODE
AND COMMANDS

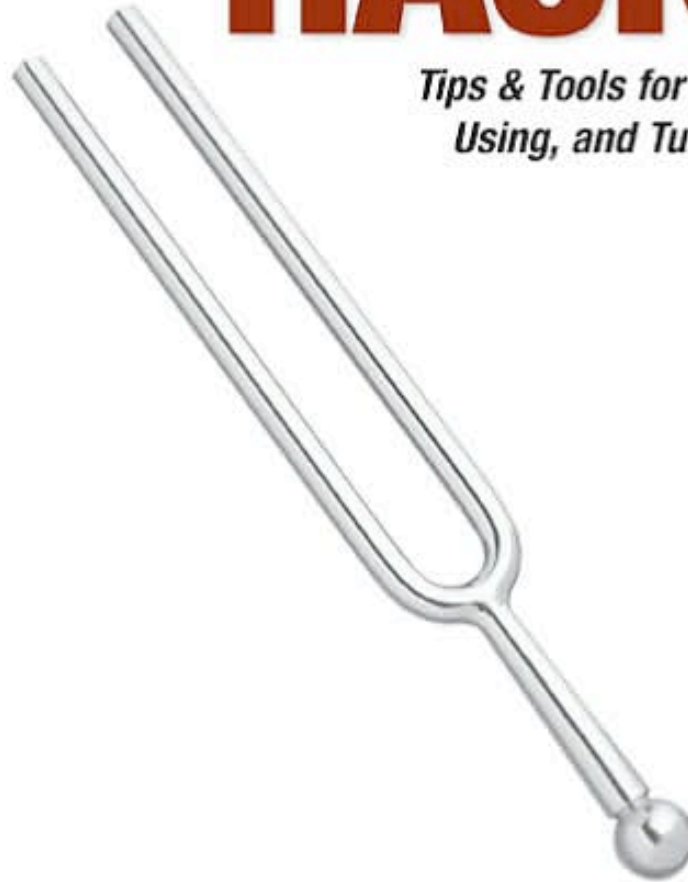
Linux[®]

PHRASEBOOK



UBUNTU HACKS™

*Tips & Tools for Exploring,
Using, and Tuning Linux*



O'REILLY®

*Kyle Rankin,
Jonathan Oxer & Bill Childers*

SYNRESS®

4 FREE BOOKLETS
YOUR SOLUTIONS MEMBERSHIP



MICROSOFT®

Vista

for
IT Security Professionals

The Book Professional Sys Admins MUST Own to Safely Deploy Vista

- Learn the New Security Features of Vista
- Safely Integrate Vista with Existing Wired and Wireless Network Infrastructure
- Companion CD Contains Hundreds of Working Scripts and Utilities

Anthony Piltzecker

shortcut

Your Short Cut to Knowledge

Podcasting with Audacity™

Creating a Podcast with Free Audio Software

Mac, Windows, and Linux

Dominic Mazzoni and Scott Granneman



Community Press

www.prenhallprofessional.com



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Google™ Apps

D E C I P H E R E D

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PRACTICE SOFTWARE FREEDOM

Browsers, phishing, and user interface design - Mozilla Firefox <2>

File Edit View Go Bookmarks Tools Help

Back Forward Home Print http://www.securityfocus.com/columnists/405 Go

Browsers, phishing, and user int...1

SecurityFocus™

About Advertising Contact

Symantec ThreatCon

Level 2: Elevated

Threat level definition

Home Bugtraq Vulnerabilities Mailing Lists Tools Search: SEARCH

News (page 1 of 2) next

PRINT EMAIL COMMENT

Infocus

- Foundations
- Microsoft
- Unix
- IDS
- Incidents
- Virus
- Pen-Test
- Firewalls

Columnists

Mailing Lists

- Newsletters
- Bugtraq
- Focus on IDS
- Focus on Linux
- Focus on Microsoft
- Forensics
- Pen-test
- Security Basics
- Malware

Browsers, phishing, and user interface design

Scott Granneman, 2006-06-05

Phishing works for so many reasons, we need to rethink browser and user interface design to provide some real-life security to the average user who doesn't see or understand the security cues.

Occasionally a criminal is so, well, clever that you have to admire him even as you wish that he spends the rest of his life in jail. Take [Arnold Rothstein](#), for instance. One of the kingpins of organized crime in New York City during Prohibition and before, the "Great Brain," as he was termed, was more than likely behind the infamous [Black Sox scandal](#), in which the 1919 World Series was fixed in favor of the Cincinnati Reds. He is also widely credited with inventing the [floating crap game immortalized in Guys and Dolls](#). Like some character out of a Damon Runyon story, Rothstein's "office" was outside of Lindy's Restaurant, at Broadway and 49th Street, and he associated with associates whose names still ring off the tongue these days.

" Answer me this truthfully: do you really trust Aunt Sally or Steve in Accounting or your kid sister Brooke to carefully read an anti-phishing warning, ponder the ramifications, and then make a wise choice? If you answer in the affirmative, then you haven't read Why Phishing Works. "

Scott Granneman

Done 2.517s 5 Errors PageRank Alexa

DECEMBER 2005

LINUX MAGAZINE

Interview with Marten Mickos

MySQL 5

Wireless USB

Volume 7 / Issue 12

LINUX

MAGAZINE

OPEN SOURCE. OPEN STANDARDS.

INTERVIEW WITH MARTEN MICKOS

The MySQL AB CEO
on Open Source,
Staying Competitive

APPLICATION DEVELOPMENT WITH MYSQL 5

Coding with Triggers, Views,
and Stored Procedures

PERIPHERALS UNBOUND

Wireless USB
Banishes Cables

ALSO INSIDE:

- Debug Perl Like a Pro
- OpenDocument
Upends Microsoft
- Go Fish: The Friendly
Interactive Shell

DECEMBER 2005

WWW.LINUXMAGAZINE.COM

THE MYSQL DATABASE LEAPS AHEAD



WebSanity - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

Back Forward Home Print http://www.websanity.com/ Go

WebSanity

[Home](#) [Philosophy](#) [Experience](#) [Methodology](#) [Disciplines](#) [Solutions](#) [contact](#)

Design for a Better World

WebSanity provides user-centric Web design [solutions](#), with a focus on working with non-profit organizations, including:

- Web Design, Planning and Consulting
 - Content Management Systems
 - E-commerce
 - Online Membership and Marketing
 - Online Multimedia & Interactive Interpretives

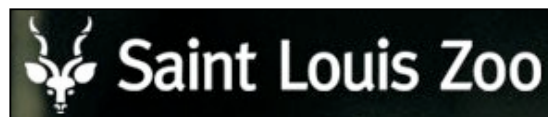
Successful Web design and development is more than meets the eye. Our proven process helps ensure you get the most out of your Web site, regardless of how large or small your organization is.

This site is designed as an introduction not only to what we do, but best Web development practices in general.



© 2003 WebSanity!

Done 3.584s PageRank Alexa



What Is It?



Search Mail

Search the Web

Show search options

Create a filter

Compose Mail

Inbox (15)

Starred

Chats

Sent Mail

Drafts (2)

All Mail

Spam (130)

Trash

Contacts

Tasks

Quick Links

PDF attachments

Unread

Add Quick Link

Google Calendar

Today (Wed, Dec 10)

Tasks for Wednesday

Forecast for 63112 (3

12p Bring Finn from hosp

7p SLUUG: Google Apps

Tomorrow (Thu, Dec 11)

Tasks for Thursday (D

Forecast for 63112 (4

7:45p Technology in Our

Fri. Dec 12

Today | Add

Options

Google Docs

Search recent docs

News items | ZDNet - Why are you managing your own power plant? - Dec 8

Web Clip

Archive

Report Spam

Delete

More Actions

Refresh

1 - 100 of 935 Older Oldest

Select: All, None, Read, Unread, Starred, Unstarred

<input checked="" type="checkbox"/>	★ katie	» (no subject) - Hey Scott, I occasionally have quick	2:49 pm
<input type="checkbox"/>	★ Maida G-V	» New Technology Presentations Please - Hi Scott	1:15 pm
<input type="checkbox"/>	★ AT&T Customer Care for W.	» View Your Bill Online - ATT Your Wireless Bill is f	8:57 am
<input type="checkbox"/>	★ Parallels Central	» Upgrade to Parallels Desktop 4.0 for Mac and Sa	7:48 am
<input type="checkbox"/>	★ Anderson Fong	Immediate Attention! - Your notification about a d	7:41 am
<input type="checkbox"/>	★ Duluth Trading	» Last Chance! Free Shipping + Sale on All Toys -	4:34 am
<input type="checkbox"/>	★ david hartley	» Two things - 1) Did you know Gene Clark of The I	Dec 9
<input type="checkbox"/>	★ Safari Books Online	» Rough Cuts Upload: Google(TM) Apps - Hello. TI	Dec 9
<input type="checkbox"/>	★ Dan Pinkard	» Re: Scott Granneman wrote on your Wall... - Scre	Dec 9
<input type="checkbox"/>	★ Page Nelson	» Page Nelson Letter of Recommendation requ	Dec 9
<input type="checkbox"/>	★ Duluth Trading	» ONE Last Day to Save - 20% Off Everything! - 20'	Dec 9
<input type="checkbox"/>	★ officialbiggirls@yahoogr.	» officialbiggirls@yahoogroups.com has sent you	Dec 8
<input type="checkbox"/>	★ orders	» Your order no. 1029790 has been fulfilled - Dear	Dec 8
<input type="checkbox"/>	★ info	» [tread] Gmail Now Supports Managing Tasks (h	Dec 8
<input type="checkbox"/>	★ Robin1229	» gabefinn.com - Didn't you say you set up an acco	Dec 8
<input type="checkbox"/>	★ Chi Zeng	» Rec. - Hi Prof. Granneman, You asked me to em	Dec 8
<input type="checkbox"/>	★ James Rahardja	» Last Class December 18th - Hi Scott, I have an	Dec 8
<input type="checkbox"/>	★ Alicia_Schnell	» Thanks and Congrats and an Inquiry - Hi Scott, T	Dec 8
<input type="checkbox"/>	★ Rich Gilbert	» Hard Drives - Hi Scott, How is the baby doing? H	Dec 8
<input type="checkbox"/>	★ me .. Jane, Deborah (10)	» Finn - Wow! Look at all that hair. CONGRATS! He	Dec 8
<input type="checkbox"/>	★ Andy Nunberg	» David Sedaris CD's - Hey Scott, When would you	Dec 8

Labels

- 1FOLLOWUP
- 2HOLD
- 3SAVE
- 4POST
- Apple Mail To Do
- CLI/Speaking
- CMS/Help
- CMS/Main
- Deleted Messages (gr
- Junk
- LIST/Civic
- LIST/DLS
- LIST/Granne (1)
- LIST/Linux (3)
- LIST/Politics (1)
- LIST/Tech (3)
- LIST/Unix Tip
- LIST/WebDev (1)
- PER/Carrie
- PER/Entertainment
- PER/Family (1)
- PER/Friends
- PER/Home
- PER/How-To
- PER/HP
- PER/Humor
- PER/Money (1)
- PER/Warehouse
- PER/Woltmans
- PER/WU
- PER/WU Comments



Search Mail

Search the Web

[Show search options](#)
[Create a filter](#)

[Compose Mail](#)

[Inbox \(16\)](#)

[Starred](#)

[Chats](#)

[Sent Mail](#)

[Drafts \(2\)](#)

[All Mail](#)

[Spam \(104\)](#)

[Trash](#)

[Contacts](#)

Quick Links

- [PDF attachments](#) x
- [Unread](#) x
- [Add Quick Link](#)

Google Calendar

Today (Wed, Dec 10)

- [Tasks for Wednesday](#)
- [Forecast for 63112 \(3](#)
- [7p SLUUG: Google Apps](#)

Tomorrow (Thu, Dec 11)

[Import](#) | [Export](#) | [Print](#)

My Contacts 592

Most Contacted 7

Suggested Contacts 0

[+ Add to this group](#)

Select: [All](#), [None](#)

- AAA
- Aaron Lieberman
- Aaron Michels
- Adam Goodman
- Adriana's
- Al Marcella
- Al Schwartz
- Alan Arpadi
- Alan German
- Alan November
- Alex Huff
- Ali Shahriary
- Alison McCormack
- Allan Trick
- Alonzo Byrd
- AlphaTech

Edit

Groups ▾

Delete group

My Contacts

592 contacts



My Contacts is a place to import, store and view all of the contact information that's important to you. You can also create your own groups of contacts to easily email many people at once.

Missing someone?

It's easy to add frequently emailed people to My Contacts using our suggestions.

[View Suggestions](#)

[Learn more](#)



[Show Search Options](#)

Added [Bring Finn from hospital](#) on Wed Dec 10, 2008 at 12pm.

[Create Event](#)

[Quick Add](#)

Today **Dec 7 – 13 2008** [Refresh](#) [Day](#) **Week** [Month](#) [4 Days](#) [Agenda](#)

« **December 2008** »

S	M	T	W	T	F	S
23	24	25	26	27	28	29
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

- ▼ My calendars
- Scott Granneman
 - Birthdays
 - Private
 - Scott - WebSanity
- [Settings](#) [Create](#)

- ▼ Other calendars
- Add a friend's calendar
- Barack Obama
 - Carrie Jaeger
 - Denise Lieberman
 - Gabe
 - Jans Carton
 - Jerry Bryan
 - Remember The Milk
- [Settings](#) [Add](#)

	Sun 12/7	Mon 12/8	Tue 12/9	Wed 12/10	Thu 12/11	Fri 12/12	Sat 12/13
9am			John Milton's bir				
10am							
11am							
12pm				12:00pm – 2:00pm Bring Finn from hospital			9:00am – 12:00pm Web Development at WU
1pm							
2pm		2:00pm – 3:00pm Install Hedy's printer					
3pm							
4pm		4:00pm – Pick u	4:00pm – Pick u				
5pm		4:45pm – Pat Ea					
6pm			5:30pm – 7:30pm Using Everyday Technology @ WU				
7pm				7:00pm – 10:00pm SLUUG: Google Apps			7:00pm – 11:00pm Dinner with Rich &



Search Docs

[Show search options](#)

[New](#)
[Upload](#)
[Share](#)
[Move to](#)
[Hide](#)
[Delete](#)
[Rename](#)
[More actions](#)

- [All items](#)
- [Saved searches](#)
- All folders**
 - Items not in folders
 - Fishman Affidavit (2 item)
 - Personal (10 items)
 - WU (5 items)
- Items by type
 - PDFs
 - Documents
 - Presentations
 - Spreadsheets
- Shared with...

Folders				
	☆	Name ↑	Folders / Sharing	Date
<input type="checkbox"/>	☆	▶ Folder Fishman Affidavit	me	Mar 9
<input type="checkbox"/>	☆	▶ Folder Personal	me	Nov 22
<input type="checkbox"/>	☆	▼ Folder WU	me	Nov 22
<input type="checkbox"/>	☆	▶ Folder Web Dev	me	Nov 22
<input type="checkbox"/>	☆	▶ Folder From Blogs to Wikis	me	Oct 16
<input type="checkbox"/>	☆	▼ Folder Tech for Managers	me	May 29
<input type="checkbox"/>	☆	Document Evaluation	me	Jun 6 <small>me</small>
<input type="checkbox"/>	☆	Document Final Paper	me	Jun 4 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - Legal	me	Jun 4 <small>me</small>
<input type="checkbox"/>	☆	Document Questions - Law	me	Jun 4 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - Development	me	Jun 3 <small>me</small>
<input type="checkbox"/>	☆	Document Questions - Programming	me	Jun 3 <small>me</small>
<input type="checkbox"/>	☆	Document Schedule 2008	me	May 31 <small>me</small>
<input type="checkbox"/>	☆	Document Topics	me	May 29 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - IT Consulting	me	May 29 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - Knowledge Mana	me	May 29 <small>me</small>
<input type="checkbox"/>	☆	Spreadsheet Tech For Managers Sp. 2008	me	May 6
<input type="checkbox"/>	☆	▶ Folder Tech & the Law	me	May 28
<input type="checkbox"/>	☆	▶ Folder Website Management	me	May 28



Search accounts

Search Help Center

Dashboard

User accounts

Domain settings

Advanced tools

Service settings

Heavy Metal Massage

heavymetalmassage.com

[Manage account information](#) [domain names](#)

[2 users](#) [Create new users](#)

You can create up to 100 user accounts for this domain.

All services are running smoothly

Seven-day active users over the last 90 days Stay Tuned...

Current as of June 8, 2008 [Learn more](#)

Service settings [Add more services](#)



[Start Page](#) - Active

<http://my.heavymetalmassage.com>



[Chat beta](#) - Active

Users can sign in by [downloading Google Talk](#)



[Web Pages beta](#) - Active

<http://www.heavymetalmassage.com>



[Sites beta](#) - Active

<http://wiki.heavymetalmassage.com>



[Email beta](#) - Active

<http://mail.heavymetalmassage.com>



[Calendar beta](#) - Active

<http://calendar.heavymetalmassage.com>



[Docs beta](#) - Active

<http://docs.heavymetalmassage.com>

Editions

Standard
Premier
Team
Education (& Nonprofits)
Partner






	Standard	Premier	Team	Education	Partner
\$\$\$	\$0	\$50/ user/yr	\$0	\$0	\$0 / \$0.15/user/ mo.
Gmail	✓	✓		✓	✓
99% uptime		✓			✓
Storage per user	6.75 GB	25 GB		6.75 GB	6.75 GB
Ads	Standard	Optional		Optional	Standard / No

	Standard	Premier	Team	Education	Partner
Calendar	✓	✓	✓	✓	✓
Docs	✓	✓	✓	✓	✓
Talk	✓	✓	✓	✓	✓
Sites	✓	✓	✓	✓	
Start Page	✓	✓	✓	✓	✓
24/7 Phone Support		✓			✓

Setting Up DNS

<http://www.google.com/a/>

CNAMEs (Aliases) Reset to Default Settings Add New CNAME Record				
<input checked="" type="checkbox"/>	Host	Points To	TTL	Delete
<input type="checkbox"/>	<input type="text" value="mail"/>	<input type="text" value="ghs.google.com"/>	1/2 Hour <input type="button" value="v"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value="my"/>	<input type="text" value="ghs.google.com"/>	1/2 Hour <input type="button" value="v"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value="calendar"/>	<input type="text" value="ghs.google.com"/>	1/2 Hour <input type="button" value="v"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value="docs"/>	<input type="text" value="ghs.google.com"/>	1/2 Hour <input type="button" value="v"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value="wiki"/>	<input type="text" value="ghs.google.com"/>	1/2 Hour <input type="button" value="v"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value="www"/>	<input type="text" value="ghs.google.com"/>	1/2 Hour <input type="button" value="v"/>	<input type="checkbox"/>

MX (Mail Exchange)						Reset to Default Settings	Add New MX Record
✓	Priority	Host	Goes To	TTL	Actions		
<input type="checkbox"/>	10	@	aspmx.l.google.com.	1/2 Hour	 		
<input type="checkbox"/>	20	@	alt1.aspmx.l.google.com.	1/2 Hour	 		
<input type="checkbox"/>	30	@	alt2.aspmx.l.google.com.	1/2 Hour	 		
<input type="checkbox"/>	40	@	aspmx2.googlemail.com.	1/2 Hour	 		
<input type="checkbox"/>	50	@	aspmx3.googlemail.com.	1/2 Hour	 		

Migrating

Gmail

Planning

Mold your email folder structure
into the one used by Gmail

2 levels of folders max

Friends

Friends/Jackie

~~Friends/Jackie/Project A~~

Don't freak!
Simply your folders & rely on search
(& beware
of automatic migration tools)

2 ways to migrate:

- ✓ Manually
- ✓ 2-way synchronization

Manually

Set up IMAP at Gmail
Connect to Gmail in your mail client
Manually copy messages

Advantages

- ✓ Metadata preserved
 - ✓ Control
- ✓ Automatic labeling

Disadvantages

- ✓ Takes a loooooong time
 - ✓ Tedious

Gmail collapses threads
into conversations

You transfer 5000 messages

Gmail reports 2000 conversations

Don't panic

Sync

If you use
the Premier or Education Editions,
you can use Google's free
IMAP Migration Tool

Automatically migrate mbox file
2gmail.rb mboxfile GmailFolder
[StartingMessage]



2gmail.rb WebSanity
Work/WebSanity

Thunderbird + WebMail Extension

Allows you to migrate email from:

- ✓ Hotmail
- ✓ Yahoo
- ✓ Gmail
- ✓ AOL
- ✓ & others

Other solutions for webmail

- ✓ FreePOPs
- ✓ MacFreePOPs 
- ✓ YPOPs

	OS	T-bird
Mail Redirect Extension		✓

Contacts

2 ways to import:

- ✓ Manually via CSV
- ✓ 2-way synchronization

Gotchas

- ✓ Records must have unique email addresses
- ✓ ~3,000 contacts at a time
- ✓ You can't transfer groups or lists

CSV

Google tries to work
with default CSV exports,
but you may have to massage it
Test with a few contacts first!

Most basic CSV file

- ✓ Name
- ✓ Email

Create a contact
in Google Contacts,
export it,
& examine the CSV file

Evolution

```
evolution-addressbook-export -  
format=csv -output=~/.evolution.csv
```

KAddressBook

File > Export

Thunderbird

Address Book: Tools > Export

Once you have your CSV file,
go to Google Contacts
Import

Sync

	OS	Apple Address Book	Outlook	T-bird
Plaxo		✓	✓	
Spanning Sync		✓		
Zindus T-bird Calendar Sync				✓

Calendar

2 ways to import:

- ✓ Manually via ICAL or CSV
- ✓ 2-way synchronization

Manual

Gotchas with CSV

- ✓ Recurring events become a series of individual events

Apple iCal
File > Export

Evolution

No export?!?

~/.evolution/calendar/
local/system/calendar.ics

KOrganizer

File > Export > iCalendar

Sunbird
OR
Thunderbird with Lightning
File > Export Calendar

Sync

	OS	iCal	Evolution	T-bird	Outlook
ScheduleWorld		✓	✓	✓	✓
Spanning Sync		✓			
GCALDaemon		✓	✓	✓	
Provider (T-bird extension)				✓	

Gmail



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Inbox (15)

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PDF attachments x

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Web Clip < >

Archive

Report Spam

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More Actions

Refresh

1 - 100 of 935 Older > Oldest >>

Select: All, None, Read, Unread, Starred, Unstarred

<input type="checkbox"/>	☆ katie	» (no subject) - Hey Scott, I occasionally have quicl	2:49 pm
<input type="checkbox"/>	☆ Maida G-V	» New Technology Presentations Please - Hi Scott	1:15 pm
<input type="checkbox"/>	☆ AT&T Customer Care for W.	» View Your Bill Online - ATT Your Wireless Bill is f	8:57 am
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<input type="checkbox"/>	☆ Duluth Trading	» Last Chance! Free Shipping + Sale on All Toys -	4:34 am
<input type="checkbox"/>	☆ david hartley	» Two things - 1) Did you know Gene Clark of The I	Dec 9
<input type="checkbox"/>	☆ Safari Books Online	» Rough Cuts Upload: Google(TM) Apps - Hello. TI	Dec 9
<input type="checkbox"/>	☆ Dan Pinkard	» Re: Scott Granneman wrote on your Wall... - Scre	Dec 9
<input type="checkbox"/>	☆ Page Nelson	» Page Nelson Letter of Recommendation reque	Dec 9
<input type="checkbox"/>	☆ Duluth Trading	» ONE Last Day to Save - 20% Off Everything! - 20'	Dec 9
<input type="checkbox"/>	☆ officialbiggirls@yahoogr.	» officialbiggirls@yahoogroups.com has sent you ε	Dec 8
<input type="checkbox"/>	☆ orders	» Your order no. 1029790 has been fulfilled - Dear	Dec 8
<input type="checkbox"/>	☆ info	» [tread] Gmail Now Supports Managing Tasks (h	Dec 8
<input type="checkbox"/>	☆ Robin1229	» gabefinn.com - Didn't you say you set up an acco	Dec 8
<input type="checkbox"/>	☆ Chi Zeng	» Rec. - Hi Prof. Granneman, You asked me to emx	Dec 8
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<input type="checkbox"/>	☆ Alicia_Schnell	» Thanks and Congrats and an Inquiry - Hi Scott, T	Dec 8
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- LIST/Civic
- LIST/DLS
- LIST/Granne (1)
- LIST/Linux (3)
- LIST/Politics (1)
- LIST/Tech (3)
- LIST/Unix Tip
- LIST/WebDev (1)
- PER/Carrie
- PER/Entertainment
- PER/Family (1)
- PER/Friends
- PER/Home
- PER/How-To
- PER/HP
- PER/Humor
- PER/Money (1)
- PER/Warehouse
- PER/Woltmans
- PER/WU
- PER/WU Comments

Settings

Settings

[General](#)[Accounts](#)[Labels](#)[Filters](#)[Forwarding and POP/IMAP](#)[Chat](#)[Web Clips](#)[Gadgets](#)[Labs](#)

1FOLLOWUP

(357 conversations)

[rename](#)[remove](#)

2HOLD

(3 conversations)

[rename](#)[remove](#)

3SAVE

(188 conversations)

[rename](#)[remove](#)

4POST

(12 conversations)

[rename](#)[remove](#)

Apple Mail To Do

(0 conversations)

[rename](#)[remove](#)

CLI/Speaking

(21 conversations)

[rename](#)[remove](#)

CMS/Help

(28 conversations)

[rename](#)[remove](#)

CMS/Main

(565 conversations)

[rename](#)[remove](#)

Deleted Messages (granneman.com)

(0 conversations)

[rename](#)[remove](#)

Junk

(0 conversations)

[rename](#)[remove](#)

LIST/Civic

(23 conversations)

[rename](#)[remove](#)

LIST/DLS

(25 conversations)

[rename](#)[remove](#)

[WRI/1and100zeroes](#)

(336 conversations)

[rename](#) [remove](#)

[WRI/Audacity](#)

(0 conversations)

[rename](#) [remove](#)

[WRI/D&D Hacks](#)

(16 conversations)

[rename](#) [remove](#)

[WRI/Google Apps](#)

(58 conversations)

[rename](#) [remove](#)

[WRI/Linux Magazine](#)

(67 conversations)

[rename](#) [remove](#)

[WRI/Linux Phrasebook](#)

(60 conversations)

[rename](#) [remove](#)

[WRI/Research](#)

(12 conversations)

[rename](#) [remove](#)

[WRI/SecurityFocus](#)

(114 conversations)

[rename](#) [remove](#)

[WRI/StudioB](#)

(132 conversations)

[rename](#) [remove](#)

[WRI/V For Van Halen](#)

(1 conversations)

[rename](#) [remove](#)

[WS/Business](#)

(16 conversations)

[rename](#) [remove](#)

[WS/Clients](#)

(1009 conversations)

[rename](#) [remove](#)

[WS/Reports](#)

(5 conversations)

[rename](#) [remove](#)

Create a new label:

Create

Note: Removing a label will not delete the messages with that label.

Settings

[General](#) [Accounts](#) [Labels](#) [Filters](#) [Forwarding and POP/IMAP](#) [Chat](#) [Web Clips](#) [Gadgets](#) [Labs](#)

The following filters are applied to all incoming mail:

Matches: **from:admin subject:("Frontier restarted" OR subject:"Summary Report" OR subject:"Bounce Completed" OR subject:"summary of" OR subject:Checkbot)** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "WS/Reports"

Matches: **from:(System Administrator) subject:("Could not cp" OR subject:"log sizes" OR subject:"disk usage report" OR subject:"Could not back up")** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "WS/Reports"

Matches: **from:(billing@dyndns.com OR from:support@dyndns.com)** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "WS/Reports"

Matches: **from:(admin@aubrey.websanity.com OR from:root@aubrey.websanity.com OR from:"WebSanity Request Tracker System")** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "WS/Reports"

Matches: **from:(received@fontbonne.edu) subject:(OPTIONS Application)** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "WS/Reports"

Matches: **from:update subject:("changed story" OR subject:"new message" OR subject:"changed message" OR subject:"new picture" OR subject:"changed picture" OR subject:"changed home page")** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "WS/Reports"

Matches: **to:(thedude@yahogroups.com)** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "PER/Friends"

Matches: **to:(stlwebdev.org OR to:wwac.org OR from:userland.com OR from:"Jakob Nielsen")** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "LIST/WebDev"

Matches: **from:(newitem@wu.granneman.com)** [edit](#) [delete](#)
Do this: Skip Inbox, Apply label "WS/Reports"

Matches: **from:(moveon.org OR from:truthout.org OR from:fair.org OR from:democracyinaction.org OR from:barackobama.org OR from:tompaine.com OR from:eff.org OR from:democrats.org OR from:pfaw.org OR to:ydgsl@yahoogroups.com OR to:wpc-stl@yahoogroups.com OR from:"Information Clearing House" OR from:ActForPeace OR from:moabolition.org OR from:lists.lww.org OR from:promoonline.org OR from:barackobama.com OR from:ppfa.org OR from:ppslr.org OR from:hsus.org OR from:maal.org)**
Do this: Skip Inbox, Apply label "LIST/Politics"

[edit](#) [delete](#)

Matches: **mstl.org**
Do this: Skip Inbox, Apply label "LIST/Civic"

[edit](#) [delete](#)

Matches: **from:("Larry Lieberman" OR from:Joy@centralreform.org OR from:joy@liebermanpeople.com OR from:BSODell@webtv.net OR from:ju.be.or.not.ju.be@gmail.com)**
Do this: Skip Inbox, Apply label "PER/Family"

[edit](#) [delete](#)

Matches: **subject:([DLS])**
Do this: Skip Inbox, Apply label "LIST/DLS"

[edit](#) [delete](#)

Matches: **from:(epresson@artsci.wustl.edu)**
Do this: Skip Inbox, Apply label "PER/WU"

[edit](#) [delete](#)

Matches: **from:(r.gilbert@marcus-research.com OR from:edreggi@edreggi.com OR from:tkmithen@aya.yale.edu OR from:kerns022@umn.edu OR from:Sarah@carmodyphoto.com OR from:Maria.ChappelleNadal@house.mo.gov)**
Do this: Skip Inbox, Apply label "PER/Friends"

[edit](#) [delete](#)

Matches: **to:(arrowrockcommunity@yahoogroups.com OR from:mstl.org OR from:Parki ngand_Transportation@aismail.wustl.edu OR from:RecordThursday@wustl.edu OR from:RecordMonday@wustl.edu OR from:"Crossroads College Preparatory School" OR from:AtWashingtonUniversityinStLouis)**
Do this: Skip Inbox, Apply label "LIST/Civic"

[edit](#) [delete](#)

Matches: (в OR и OR ж OR и OR л OR ж OR ь)

Do this: Skip Inbox, Delete it

[edit](#) [delete](#)

Matches: **prnceleb**

Do this: Skip Inbox, Delete it

[edit](#) [delete](#)

Matches: **subject:(SEXUALLY-EXPLICIT OR subject:"Become a giant" OR subject:"Are you a giant?" OR subject:penis OR subject:"Your Astronet Daily Horoscope" OR subject:"www.wife" OR subject:"check my wife")**

Do this: Skip Inbox, Delete it

[edit](#) [delete](#)

Matches: **You're receiving this e-mail because you subscribed to Newegg Exclusive Deals.**

Do this: Skip Inbox, Delete it

[edit](#) [delete](#)

Matches: **from:(bankinfosecurity.com OR from:viagra OR from:"Ted Ciuba" OR from:dentaltown.com OR from:kingdombuilderceo@gmail.com OR from:rhinosoft.com OR from:newsletter@mgn.com)**

Do this: Skip Inbox, Delete it

[edit](#) [delete](#)

[Create a new filter](#)

Create a Filter

[Hide filter options](#)

Choose search criteria Specify the criteria you'd like to use for determining what to do with a message as it arrives. Use "Test Search" to see which messages would have been filtered using these criteria. Messages in Spam and Trash will not be searched.

From:
To:
Subject:

Has the words:
Doesn't have:
 Has attachment

[Show current filters](#)

Create a Filter

[Hide filter options](#)

Choose search criteria Specify the criteria you'd like to use for determining what to do with a message as it arrives. Use "Test Search" to see which messages would have been filtered using these criteria. Messages in Spam and Trash will not be searched.

From:
Has the words:

To:
Doesn't have:

Subject:
 Has attachment

[Show current filters](#)

[Compose Mail](#)

[Inbox \(16\)](#)

[Starred](#) ★

[Chats](#) ☰

[Sent Mail](#)

[Drafts \(2\)](#)

[All Mail](#)

[Spam \(133\)](#)

[Trash](#)

[Contacts](#)

[Tasks](#)

▼ Quick Links

[PDF attachments](#) x

Search results for: **from:(Robert Citek)**

1 - 20 of about 90 [Older >](#)

Select: [All](#), [None](#), [Read](#), [Unread](#), [Starred](#), [Unstarred](#)

<input checked="" type="checkbox"/>	★ Robert .. Anthony (13)	»	Inbox	LIST/Linux	[cwelug] CWELUG meeting	Dec 7
<input type="checkbox"/>	★ Robert Citek			LIST/Linux	[cwelug] CWELUG meeting canceled	Dec 7
<input type="checkbox"/>	★ Robert Citek	»	Inbox		cwelug meeting - ... for you? Regards, -	Dec 1
<input type="checkbox"/>	★ Robert Citek	»	Inbox		teaching with wikis - ... teaching_with_w	Nov 5
<input type="checkbox"/>	★ Robert Citek	»	Inbox		Ballotpedia - ... Ballotpedia:About Rega	Oct 25
<input type="checkbox"/>	★ Robert Citek	»	Chat		Chat with Robert Citek (2 lines) - ... 07awarenes	Oct 25
<input type="checkbox"/>	★ Robert Citek	»	Inbox		map to work - Map to work http://maps.gc	Oct 20
<input type="checkbox"/>	★ me, Robert (2)	»	Inbox		Wiki class - ... Where? When? Regards,	Sep 16
<input type="checkbox"/>	★ me, Robert, fredmck (4)			LIST/Linux	PC repair - ... be fixed? Regards, - F	Aug 28

▼ Labels

- [1FOLLOWUP](#)
- [2HOLD](#)
- [3SAVE](#)
- [4POST](#)
- [Apple Mail To Do](#)
- [CLI/Speaking](#)
- [CMS/Help](#)
- [CMS/Main](#)
- [Deleted Messages \(grar](#)
- [Junk](#)
- [LIST/Civic](#)
- [LIST/DLS](#)
- [LIST/Granne \(1\)](#)
- [LIST/inbox \(3\)](#)

Create a Filter

[Hide filter options](#)

Choose action - Now, select the action you'd like to take on messages that match the criteria you specified.
When a message arrives that matches the search: **from:(Robert Citek)**, do the following:

Skip the Inbox (Archive it)

Mark as read

Star it

Apply the label:

Forward it to:

Delete it

Never send it to Spam

[Show current filters](#)

Also apply filter to **90 conversations** below.

Settings

[General](#) [Accounts](#) [Labels](#) [Filters](#) **Forwarding and POP/IMAP** [Chat](#) [Web Clips](#) [Gadgets](#) [Labs](#)

Forwarding:

- Disable forwarding
- Forward a copy of incoming mail to and

Tip: You can also forward only some of your mail by [creating a filter!](#)

POP Download:

[Learn more](#)

- 1. Status: POP is enabled** for all mail that has arrived since 9/25/00
- Enable POP for **all mail** (even mail that's already been downloaded)
- Enable POP for **mail that arrives from now on**
- Disable POP**

2. When messages are accessed with POP

- 3. Configure your email client** (e.g. Outlook, Eudora, Netscape Mail)
[Configuration instructions](#)

IMAP Access:

(access Mail from other clients using IMAP)

[Learn more](#)

1. Status: IMAP is enabled

- Enable IMAP
- Disable IMAP

- 2. Configure your email client** (e.g. Outlook, Thunderbird, iPhone)
[Configuration instructions](#)

Save Changes

Cancel

Settings

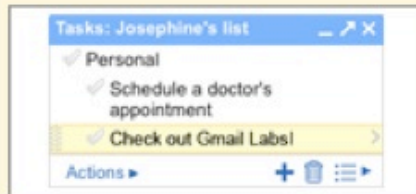
[General](#) [Accounts](#) [Labels](#) [Filters](#) [Forwarding and POP/IMAP](#) [Chat](#) [Web Clips](#) [Gadgets](#) **Labs**

Mail Labs: our testing ground for experimental features

Mail engineers come up with new ideas all the time. Mail Labs is our place to try them out and get your feedback. None of these features are really ready for prime time yet, so they may **change**, **break** or **disappear** at any time.

[Learn more about Mail Labs](#)

If (when) a Labs feature breaks, and you're having trouble getting into your account, there's an escape hatch -- just go to <https://mail.google.com/a/granneman.com/?labs=0> and Labs will be temporarily disabled.



Tasks

by The Tasks Team

Tasks is a way to help you keep track of what you need to do and what you've already done.

Tips:

1. Manage your email workflow better by converting emails into tasks: "More Actions > Add to Tasks"
2. ENTER creates a new task, TAB and SHIFT-TAB indent and un-indent, CTRL-UP and CTRL-DOWN let you reorder from the keyboard, and SHIFT-ENTER toggles back and forth between the detailed view for a task and the main view
3. After turning Tasks on, turn on Keyboard shortcuts in "Settings > General" and then use "SHIFT-T" to create tasks from your emails - even faster than using the More Actions menu

Enable

Disable

[Send feedback](#)



Quick Links

by Dan P

- Enable
- Disable

Adds a box to the left column that gives you 1-click access to any bookmarkable URL in Mail. You can use it for saving frequent searches, important individual messages, and more.

[Send feedback](#)



Superstars

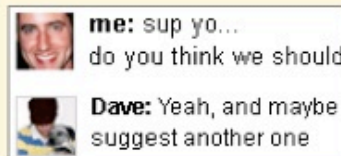
by Kai H & Julie W

- Enable
- Disable

Adds additional star icons. After enabling this feature:

- (1) Go to the "General" Settings page to choose which superstars you wish to use.
- (2) Use either the keyboard shortcut ('s') or click to rotate through your selected superstars.
- (3) Use the search operator "has:" to find all messages with your superstar (e.g. "has:red-bang", "has:blue-star"). Learn the name of a superstar by hovering over its image in the "General" Settings page.

[Send feedback](#)



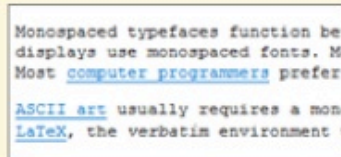
Pictures in chat

by Dave C

- Enable
- Disable

See your friends' profile pictures when you chat with them.

[Send feedback](#)



Fixed width font

by Keith C

- Enable
- Disable

Adds an option to the reply dropdown menu that lets you view a message in fixed width font.

[Send feedback](#)



Custom keyboard shortcuts

by Alan S

- Enable
- Disable

Lets you customize keyboard shortcut mappings. Adds a new Settings tab from which you can remap keys to various actions.

[Send feedback](#)



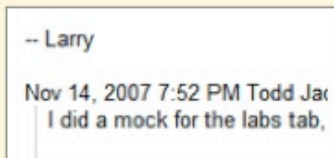
Mouse gestures

by Erik A

Enable
 Disable

Use your mouse to navigate with gestures. Hold right-click and move the mouse left to go to a previous conversation, move it right to go to the next conversation, and move up to go back to the inbox view. Works best on Windows.

[Send feedback](#)



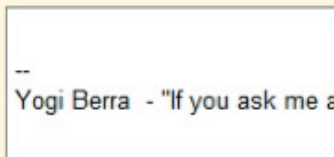
Signature tweaks

by Keith C and Dave C

Enable
 Disable

Places your signature before the quoted text in a reply, and removes the "--" line that appears before signatures.

[Send feedback](#)



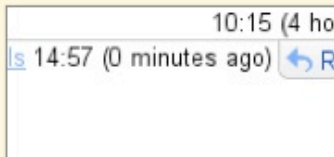
Random Signature

by Chad P

Enable
 Disable

Rotates among random quotations for your email signature.

[Send feedback](#)



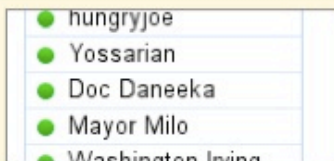
Custom date formats

by Emil E

Enable
 Disable

Adds options to the general settings page allowing the date and time format to be changed independent of language. For example, you can use a 24-hour clock (14:57) or show dates with the day first (31/12/07).

[Send feedback](#)



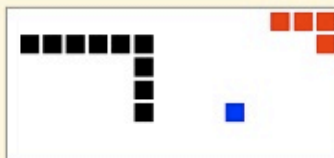
Muzzle

by Chad P

Enable
 Disable

Conserves screen real estate by hiding your friends' status messages.

[Send feedback](#)



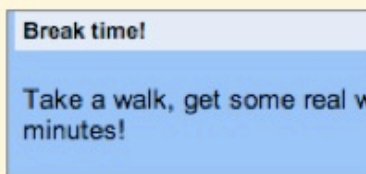
Old Snakey

by Dave C

Enable
 Disable

Kick it old school with Old Snakey! Enable keyboard shortcuts and hit '&' from the main page to play a game of snake.

[Send feedback](#)

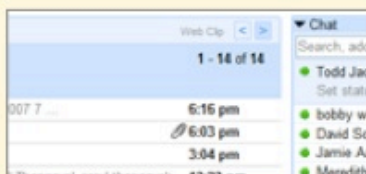


Email Addict
by Michael D

- Enable
- Disable

Lets you take a break from email and chat by blocking the screen for fifteen minutes and making you invisible in chat.

[Send feedback](#)

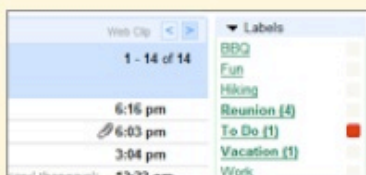


Right-side chat
by Emily C

- Enable
- Disable

Move the chat box to the right side of the inbox.

[Send feedback](#)



Right-side labels
by Emily C

- Enable
- Disable

Move the labels box to the right side of the inbox.

[Send feedback](#)

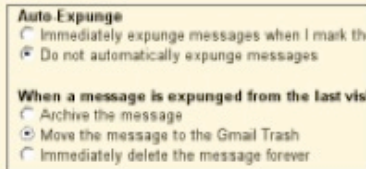


Hide Unread Counts
by Matt M

- Enable
- Disable

Hides the unread counts for inbox, labels, etc.

[Send feedback](#)

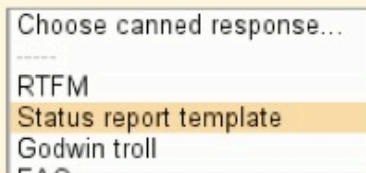


Advanced IMAP Controls
by Jamie N

- Enable
- Disable

Choose which labels show up in IMAP, turn off message auto-expunging, or trash messages when they're deleted from IMAP.

[Send feedback](#)

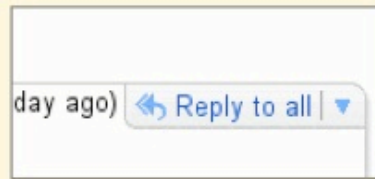


Canned Responses
by Chad P

- Enable
- Disable

Email for the truly lazy. Save and then send your common messages using a button next to the compose form. Also automatically send emails using filters.

[Send feedback](#)

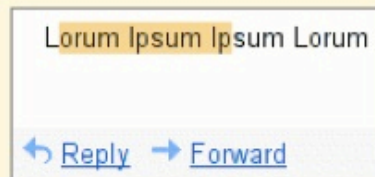


Default 'Reply to all'
by Mark K

- Enable
- Disable

Make 'Reply to all' your default option for responding to emails.

[Send feedback](#)



Quote selected text
Ryan A

- Enable
- Disable

Quote the text you have selected when you reply to a message. This works best if you use keyboard shortcuts.

[Send feedback](#)

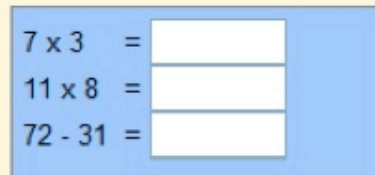


Navbar drag and drop
by Anatol P

- Enable
- Disable

Allows you to reorder the items in your navbar using drag and drop.

[Send feedback](#)

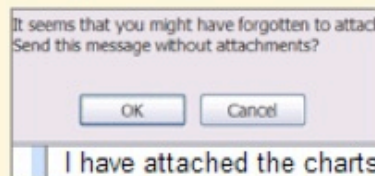


Mail Goggles
by Jon P

- Enable
- Disable

Google strives to make the world's information useful. Mail you send late night on the weekends may be useful but you may regret it the next morning. Solve some simple math problems and you're good to go. Otherwise, get a good night's sleep and try again in the morning. After enabling this feature, you can adjust the schedule in the "General" settings page.

[Send feedback](#)

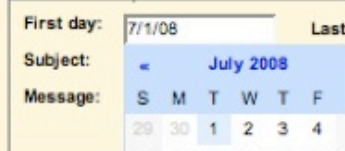


Forgotten Attachment Detector
by Jonathan K

- Enable
- Disable

Prevents you from accidentally sending messages without the relevant attachments. Prompts you if you mention attaching a file, but forgot to do so.

[Send feedback](#)

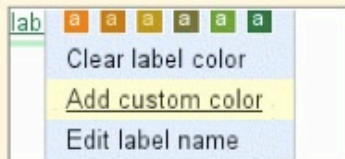


Vacation Time!
by Darick

- Enable
- Disable

Lets you specify starting and ending dates for the vacation autoresponder.

[Send feedback](#)



Custom Label Colors
by Mark K

- Enable
- Disable

Lets you create your own combination of colors for labels. Instead of choosing one of the standard colors from the label dropdown menu, click on Add custom colors. Pick your combination of colors, hit Apply, and enjoy.

[Send feedback](#)

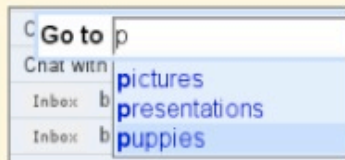


Mark as Read Button
by Mark K

- Enable
- Disable

Tired of spending all that effort to click on the more actions menu every time you want to mark messages as read without reading them? Now just enable this lab and that is just a button click away!

[Send feedback](#)



Go to label
by Bruce D

- Enable
- Disable

Enable keyboard shortcuts and hit 'g' then 'l' to display a popup for selecting a label to go to. Also works with Quick Links.

[Send feedback](#)

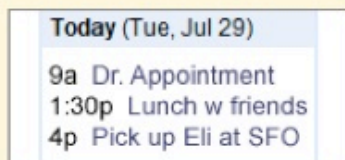


Text Messaging (SMS) in Chat
by Matt H and Mark G

- Enable
- Disable

Allows you to send and receive text messages (SMS) in Chat. US phones only for now.

[Send feedback](#)



Google Calendar gadget
by Ben K and Garry B

- Enable
- Disable

Adds a box in the left column which shows your Google Calendar. See upcoming events, locations, and details.

[Send feedback](#)

Search recent docs

- My to-do list
- SF restaurants to go to
- Staying on top of email

Google Docs gadget
by Claudia C and Ted C

Adds a box in the left column which displays your Google Docs. Shows recent docs, starred docs, and has fast search.

- Enable
 Disable

[Send feedback](#)

Add a gadget by its URL:

Add any gadget by URL
by Dan P and Dong C

Adds a "Gadgets" tab to Settings, where you'll be able to specify the URL of any gadget. This gadget will show in a box in the left column.

- Enable
 Disable

[Send feedback](#)

Looking for something we don't have? [Suggest a Labs feature](#)

Search

Headers

to:

cc:

bcc:

subject:

from:

Attachments

has:attachment

filename:pdf

(or csv, odt, ppt, rtf, txt, xls)

filename:mpg

(or avi, mov, mp4, wmv)

filename:mp3

(or wav, wmv)

filename:jpg

(or bmp, gif, png, tiff)

Labels

Search	Shortcut	Shortercut	Shortestcut
label:inbox	in:inbox	l:inbox	l:^i
label:starred	in:starred	l:starred	l:^t
label:sent	in:sent	l:sent	l:^f
label:spam	in:spam	l:spam	l:^s

Time

after:2008/12/5

before:2008/12/5

Booleans & Symbols

AND or (space)

OR or |

NOT or -

“”

Integrating

Read Gmail via POP or IMAP

- ✓ Apple Mail
 - ✓ Evolution
 - ✓ KMail
- ✓ Thunderbird
 - ✓ iPhone
 - ✓ Blackberry

Making Gmail the default on your Linux box

In Firefox

about:config in the address bar

Set

network.protocol-handler.external.mailto
to true


```
#!/bin/sh
BROWSER="firefox"

# remove the ? from the uri
uri=`echo "$1" | sed -e 's/subject=/su=/' -e 's/
^mailto:\([^&?]+\)[?&]\?\.*/`

if [ "$uri" ];
  then exec $BROWSER
    "https://mail.google.com/a/YOURDOMAIN/?
view=cm&tf=0&ui=1&to=$uri"
  fi

exec $BROWSER "https://mail.google.com/"
```

Download the script from
[http://ftp.granneman.com/
googleapps/gmail_default.sh](http://ftp.granneman.com/googleapps/gmail_default.sh)

Save script to ~/bin

```
chmod 755 ~/bin/gmail_default.sh
```

GNOME

System > Preferences

> Preferred Applications > Internet
> Mail Reader

In Custom, enter:

`/home/USER/bin/gmail_default.sh`

KDE

System Settings >
Default Applications > Email Client
> Use a Different Email Client

Enter:

```
/home/USER/bin/gmail_default.sh
```

Contacts



Search Mail

Search the Web

[Show search options](#)

[Create a filter](#)

[Compose Mail](#)

[Inbox \(16\)](#)

[Starred](#)

[Chats](#)

[Sent Mail](#)

[Drafts \(2\)](#)

[All Mail](#)

[Spam \(104\)](#)

[Trash](#)

[Contacts](#)

Quick Links

- [PDF attachments](#) x
- [Unread](#) x

[Add Quick Link](#)

Google Calendar

Today (Wed, Dec 10)

- [Tasks for Wednesday](#)
- [Forecast for 63112 \(3](#)
- [7p SLUUG: Google Apps](#)

Tomorrow (Thu, Dec 11)

[Import](#) | [Export](#) | [Print](#)

My Contacts 592

Most Contacted 7

Suggested Contacts 0

[Edit](#) [Groups](#) [Delete group](#)

Select: [All](#), [None](#)

- AAA
- Aaron Lieberman
- Aaron Michels
- Adam Goodman
- Adriana's
- Al Marcella
- Al Schwartz
- Alan Arpadi
- Alan German
- Alan November
- Alex Huff
- Ali Shahriary
- Alison McCormack
- Allan Trick
- Alonzo Byrd
- AlphaTech

My Contacts
592 contacts

My Contacts is a place to import, store and view all of the contact information that's important to you. You can also create your own groups of contacts to easily email many people at once.

Missing someone?
It's easy to add frequently emailed people to My Contacts using our suggestions.

[View Suggestions](#) [Learn more](#)

You can't delete
more than 20 contacts at a time
Solution:

scott@granneman.com | [Manage this domain](#) |  | [Settings](#) | [Older version](#) | [Help](#) | [Sign out](#)

Calendar



Search My Calendars Search Public Calendars [Show Search Options](#)

Added **Bring Finn from hospital** on Wed Dec 10, 2008 at 12pm.

[Create Event](#)

Today **Dec 7 - 13 2008** [Refresh](#) [Print](#) [Day](#) **Week** [Month](#) [4 Days](#) [Agenda](#)

[Quick Add](#)

« **December 2008** »

S	M	T	W	T	F	S
23	24	25	26	27	28	29
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

- ▼ My calendars
- Scott Granneman
 - Birthdays
 - Private
 - Scott - WebSanity
- [Settings](#) [Create](#)

- ▼ Other calendars
- Add a friend's calendar
- Barack Obama
 - Carrie Jaeger
 - Denise Lieberman
 - Gabe
 - Jans Carton
 - Jerry Bryan
 - Remember The Milk
- [Settings](#) [Add](#)

	Sun 12/7	Mon 12/8	Tue 12/9	Wed 12/10	Thu 12/11	Fri 12/12	Sat 12/13
9am			John Milton's bir				
10am							
11am							
12pm				12:00pm - 2:00pm Bring Finn from hospital			9:00am - 12:00pm Web Development at WU
1pm							
2pm		2:00pm - 3:00pm Install Hedy's printer					
3pm							
4pm		4:00pm - Pick u	4:00pm - Pick u				
5pm		4:45pm - Pat Ea					
6pm			5:30pm - 7:30pm Using Everyday Technology @ WU				
7pm				7:00pm - 10:00pm SLUUG: Google Apps			7:00pm - 11:00pm Dinner with Rich &



Search My Calendars Search Public Calendars Show Search Options

Create Event

Quick Add

Today Dec 7 - 13 2008 Refresh Print Day Week Month 4 Days Agenda

Sun 12/7 Mon 12/8 Tue 12/9 Wed 12/10 Thu 12/11 Fri 12/12 Sat 12/13

« December 2008 »

S	M	T	W	T	F	S
23	24	25	26	27	28	29
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

My calendars

- Scott Granneman
- Birthdays
- Private
- Scott - WebSanity

Settings Create

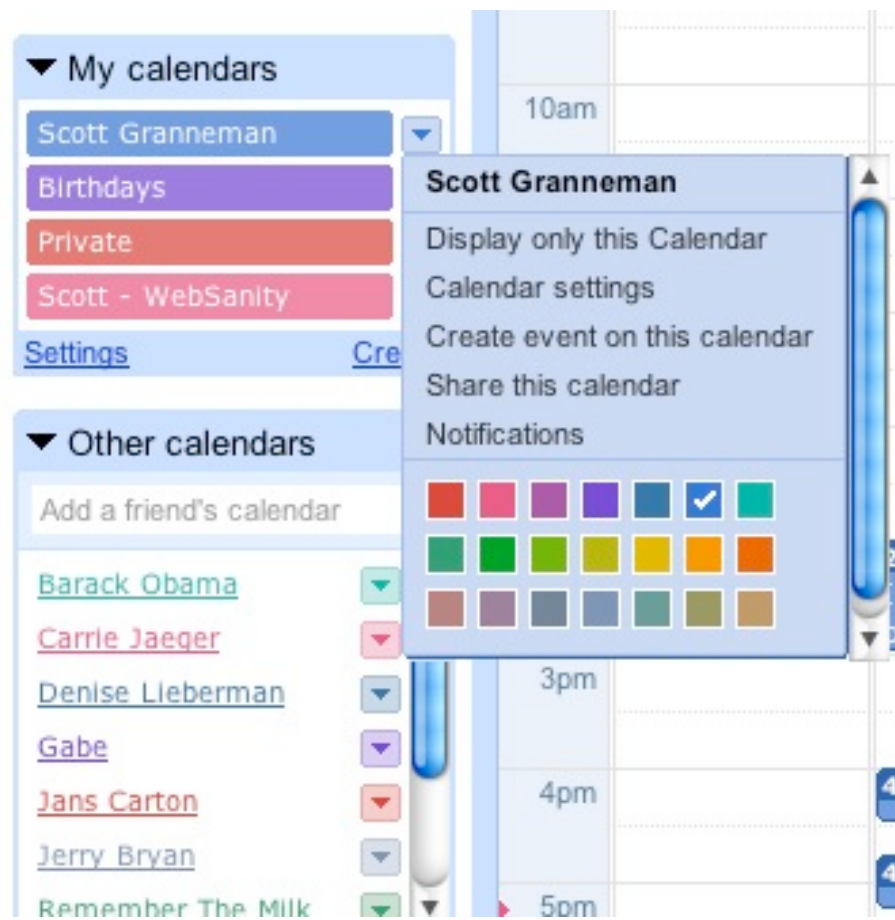
Other calendars

Add a friend's calendar

- Barack Obama
- Carrie Jagger
- Denise Lieberman
- Gabe
- Jans Carton
- Jerry Bryan
- Remember The Milk

Settings Add

		John Milton's bir		No School		
9am						9:00am - 12:00pm Web Development at WU
10am		10:00am - 4:00pm office hours	10:00am - 4:00pm office hours	10:00am - 4:00pm office hours	10:00am - 11:00am VPP Staff Meeting	10:00am - 11:00am TBC Staff Brunch
11am					11:00am - 12:30pm call Brent Cox	
12pm	12:00pm - 1:00pm TBC Teams			12:00pm Bring Finn from hospital		
1pm	1:00pm - 3:30pm Rob Durbin-Kayak					
2pm		2:00pm Install Hedy's				
3pm						
4pm	3:30pm - 4:30pm Bootcamp signun	4:00pm - Pick u	4:00pm - Pick u			
5pm		4:45pm				
6pm			5:30pm Fuel Holiday Party & Wine Tasting	5:30pm Using Everyc @ WU	5:30pm - 7:30pm Grand Center - Krznzberg reception	
7pm				7:00pm - 10:00pm SLUUG: Google Apps		6:30pm Opf Doc par



Scott Granneman Details

[Calendar Details](#)

Share this calendar

[Notifications](#)

Share this calendar with others ([Learn more](#))

Make this calendar public

See all event details

Share this calendar with everyone in the domain

See all event details

Share with specific people

Person

Permission Settings

Remove

See all event details

Add Person

Scott Granneman <scott@granneman.com>

Make changes AND manage sharing

jans@websanity.com

See all event details



jerry.bryan@websanity.com

See all event details



deniseliberman@gmail.com

See all event details



robin1229@gmail.com

See all event details



[« Back to Calendar](#)

Save

Cancel

Integrating

Scott Granneman Details

Calendar Details [Share this calendar](#) [Notifications](#)

Calendar Name:

Calendar Owner: Scott Granneman <scott@granneman.com>

Embed This Calendar

Embed this calendar in your website or blog by pasting this code into your web page. To embed multiple calendars, click on the Customize Link



Paste this code into your website.

[Customize the color, size, and other options](#)

```
<iframe  
src="http://www.google.com/calendar/hosted/granne  
style="border: 0" width="800" height="600"  
frameborder="0" scrolling="no"></iframe>
```

Calendar Address: [XML](#) [ICAL](#) [HTML](#) (Calendar ID: scott@granneman.com)

[Learn more](#)

[Change sharing settings](#)

This is the address for your calendar. No one can use this link unless you have made your calendar public.

Private Address: [XML](#) [ICAL](#) [HTML](#) [Reset Private URLs](#)

[Learn more](#)

This is the private address for this calendar. Don't share this address with others unless you want them to see all the events on this calendar.

[« Back to Calendar](#)

Save

Cancel

Read-Only Access

Evolution

File > New > Calendar

View,

but can't add, edit, or delete events

iCal

Calendar > Subscribe

KOrganizer

Settings > Sidebar >
Show Resource View

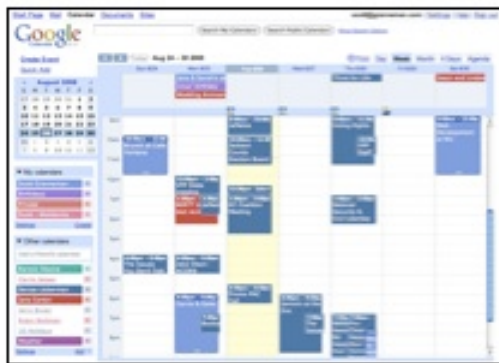
Add > Calendar in Remote File

View,

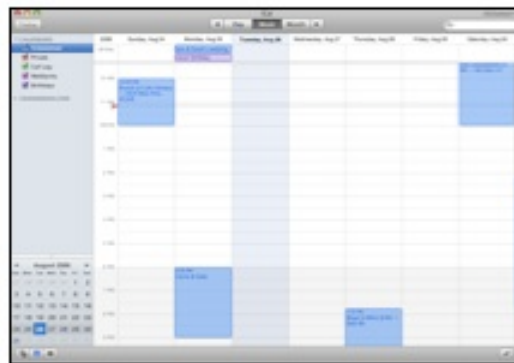
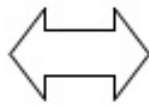
but can't add, edit, or delete events

Sunbird
OR
Thunderbird with Lightning
Calendars > New Calendar
> On the Network

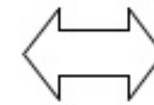
Syncing with Spanning Sync or BusySync



Google Calendar



Apple iCal



iPhone

Sync

	OS	iCal	Evolution	T-bird	Outlook
ScheduleWorld		✓	✓	✓	✓
Spanning Sync		✓			
GCALDaemon		✓	✓	✓	
Provider (T-bird extension)				✓	

Docs

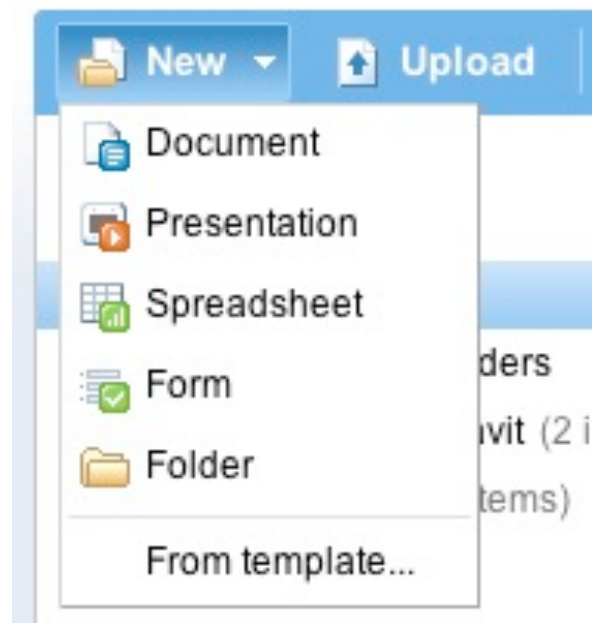


[Show search options](#)

- All items
- Saved searches
- All folders
 - Items not in folders
 - Fishman Affidavit (2 items)
 - Personal (10 items)
 - WU (5 items)
- Items by type
 - PDFs
 - Documents
 - Presentations
 - Spreadsheets
- Shared with...

Folders				
	☆	Name ↑	Folders / Sharing	Date
<input type="checkbox"/>	☆	▶ Folder Fishman Affidavit	me	Mar 9
<input type="checkbox"/>	☆	▶ Folder Personal	me	Nov 22
<input type="checkbox"/>	☆	▼ Folder WU	me	Nov 22
<input type="checkbox"/>	☆	▶ Folder Web Dev	me	Nov 22
<input type="checkbox"/>	☆	▶ Folder From Blogs to Wikis	me	Oct 16
<input type="checkbox"/>	☆	▼ Folder Tech for Managers	me	May 29
<input type="checkbox"/>	☆	Document Evaluation	me	Jun 6 <small>me</small>
<input type="checkbox"/>	☆	Document Final Paper	me	Jun 4 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - Legal	me	Jun 4 <small>me</small>
<input type="checkbox"/>	☆	Document Questions - Law	me	Jun 4 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - Development	me	Jun 3 <small>me</small>
<input type="checkbox"/>	☆	Document Questions - Programming	me	Jun 3 <small>me</small>
<input type="checkbox"/>	☆	Document Schedule 2008	me	May 31 <small>me</small>
<input type="checkbox"/>	☆	Document Topics	me	May 29 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - IT Consulting	me	May 29 <small>me</small>
<input type="checkbox"/>	☆	Document Exercise - Knowledge Mana	me	May 29 <small>me</small>
<input type="checkbox"/>	☆	Spreadsheet Tech For Managers Sp. 2008	me	May 6
<input type="checkbox"/>	☆	▶ Folder Tech & the Law	me	May 28
<input type="checkbox"/>	☆	▶ Folder Website Management	me	May 28

Templates





Search Templates

Sort by


- » [Hottest](#)
- [Most users](#)
- [Highest rating](#)

Narrow by category


- » [All categories](#)
- [Albums & Flipbooks](#)
- [Business](#)
- [Calculators](#)
- [Calendars & Schedules](#)
- [Cards & Certificates](#)
- [Holiday](#)
- [Labels & Business Cards](#)
- [Letters & Faxes](#)
- [Miscellaneous](#)
- [Personal Finance](#)
- [Presentation Designs](#)
- [Resumes & Cover Letters](#)
- [Statistics](#)
- [Students & Teachers](#)

[Templates I've used](#)


All types | [Documents](#) | [Presentations](#) | [Spreadsheets](#) | [Forms](#)




Company Holiday Party By Google
★★★★★ 3 ratings [Embed](#)
This form collects RSVPs from your guests to help you plan your Company holiday party or event. Email this online form to your guests and let them tell you if they can attend.
[Use this template](#) [Preview](#)



Spreadsheet Art Canvas By Google
★★★★★ 28 ratings [Embed](#)
This spreadsheet includes a snowflake image created by four collaborators. Use the blank canvas to create your own art. Invite your friends to work together on the same collaborative spreadsheet.
[Use this template](#) [Preview](#)



Video Christmas Card By Google
★★★★★ 14 ratings [Embed](#)
A snowy video Christmas greeting card with many colors to choose from! Replace the video with your own favorite holiday video or keep the one in the design.
[Use this template](#) [Preview](#)



Avery Address Label, Snowman, 20 per sheet By [Avery Dennison](#)
★★★★★ 3 ratings [Embed](#)

Some useful templates


- ✓ Comprehensive Travel Itinerary
 - ✓ Gas Mileage Log
 - ✓ Wedding Album, Guest List, Planner, Budget Manager, Checklist
 - ✓ Sales Invoice
- ✓ Video Christmas Card
 - ✓ Budget Planner
 - ✓ Presentations

Gears


Use Google Gears to go offline

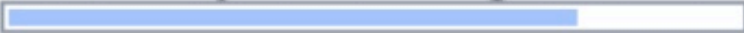
scott@granneman.com | [Offline](#) | [Settings](#) | [Offline help](#) | [Help](#) | [Sign out](#)

Use Google Gears to go offline

scott@granneman.com |  | [Settings](#) | [Offline help](#) | [Help](#) | [Sign out](#)

[about offline access](#)

Status: Synchronizing documents... 



78% complete.

[Settings](#)

Use Google Gears to go offline

scott@granneman.com |  | [Settings](#) | [Offline help](#) | [Help](#) | [Sign out](#)

Publishing & Sharing

This document is not yet published.

You can publish your document within granneman.com (or to the public Internet), where people can access and view it online. Your document will be assigned a unique address (URL) that you can send to your friends and colleagues.

[Publish document](#)

- Automatically re-publish when changes are made
- Viewers must sign in with a granneman.com account to view the published document

This document has not been published to your blog.

You need to [set your blog site settings](#) before you can post documents to your blog.

[Post to blog](#)

Share ▾

Save

Save & Close

[« Back to editing the document](#)

Share this document



Invite people

as collaborators as viewers

Separate email addresses with commas.

[Choose from contacts](#)

Invite collaborators

Advanced permissions

Collaborators may invite others
Only the owner may change this

Invitations may be used by anyone
Allows mailing lists [Learn more](#)

Anyone at granneman.com may view ▾ this document at:
http://docs.google.com/a/granneman.com/Doc?id=dgcc9j32_8jc5f5qt

This document is not shared.

[Preview document as a viewer](#)

Collaborators (0)

Collaborators may edit the document and invite more people.

Viewers (0)

Viewers may see the document but not edit it.

MardelPaymentScenarios

Share ▾

Autosaved on 9/11/08

File Edit View Format Insert Tools Form Help

Rich text editor toolbar including icons for undo, redo, bold, italic, text color, background color, bulleted list, numbered list, link, unlink, and insert link.

	A	B	C	D	E	F	G	H	I	J	K	L
1	4940 Mardel											
2												
3		Sale Price	Down Payment	Pa								
4		\$227,500	3.0%									
5		\$227,500	4.0%									
6		\$227,500	5.0%									
7												
8		\$227,500	3.0%									
9		\$227,500	4.0%									
10		\$227,500	5.0%									
11		\$227,500	6.0%									
12												
13		\$227,500	3.0%									
14		\$227,500	4.0%									
15		\$227,500	5.0%									
16		\$227,500	6.0%									
17												
18		\$227,500	3.0%									
19		\$227,500	4.0%									
20		\$227,500	5.0%									
21		\$227,500	6.0%									
22												
23												
24												
25												
26												
27												

Set notification rules

[Help](#)

Notify me at scott@granneman.com when...

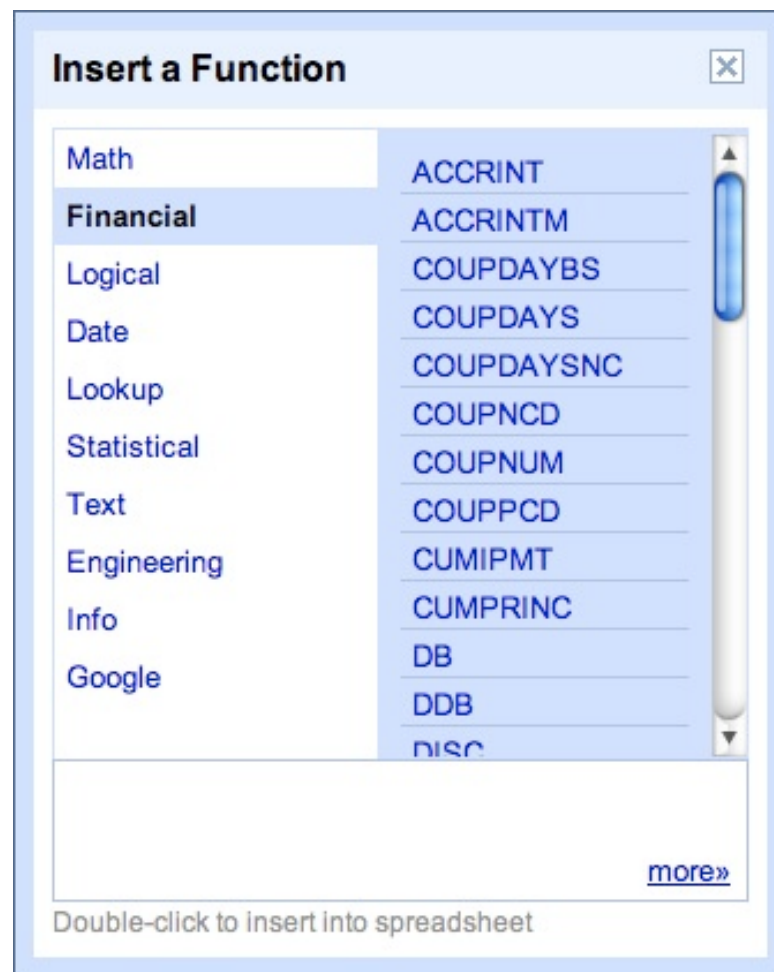
- Any changes are made
- Anything on this sheet is changed: Sheet1 ▾
- Any of these cells are changed:
- Collaborators are added or removed
- A user submits a form

Notify me with...

- Email - daily digest
- Email - right away

Save Cancel

Formulas



From Jans' D&D website

Table: Size Modifiers

Size	Size Modifier
Colossal	-8
Gargantuan	-4
Huge	-2
Large	-1
Medium	+0
Small	+1
Tiny	+2
Diminutive	+4
Fine	+8

Insert the ImportHtml function
into your spreadsheet

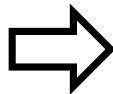
=ImportHtml(URL, Query, Index)

Query = List or Table

=ImportHtml("http://www.d20srd.org/
srd/combat/combatStatistics.htm",
"table", 1)

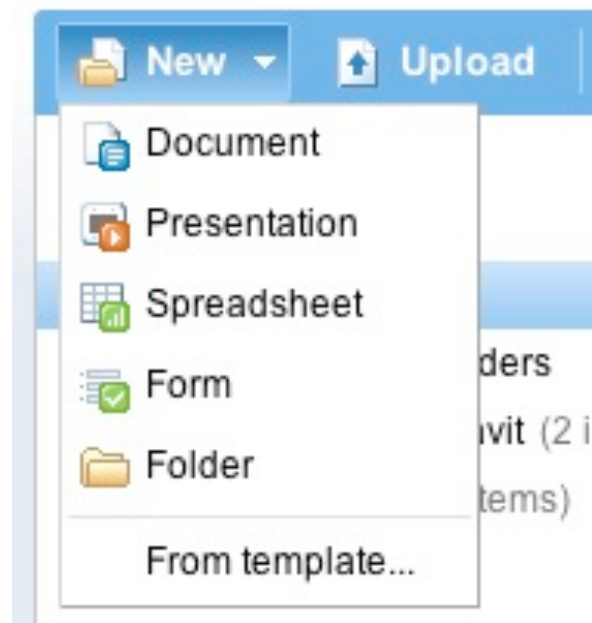
Table: Size Modifiers

Size	Size Modifier
Colossal	-8
Gargantuan	-4
Huge	-2
Large	-1
Medium	+0
Small	+1
Tiny	+2
Diminutive	+4
Fine	+8



Size	Size Modifier
Colossal	-8
Gargantuan	-4
Huge	-2
Large	-1
Medium	+0
Small	+1
Tiny	+2
Diminutive	+4
Fine	+8




Forms



+ Add question **Email this form** **View Responses** **More actions** **Saved**

Untitled form

You can include any text or info that will help people fill this out.

Question Title   

Help Text

Question Type

Make this a required question

You can view the published form here: <https://spreadsheets.google.com/viewform?key=pb3ZUwzv8bbPKky3IF6ktSA>

Question types

- ✓ Text
- ✓ Paragraph text
- ✓ Multiple choice
 - ✓ Check boxes
- ✓ Choose from a list
 - ✓ Scale (1-n)

From Blogs to Wikis Evaluation

Share ▾

Autosaved on 10/21/08

File Edit View Format Insert Tools Form (6)Help

\$ % 123 ▾
10pt ▾
B Abc

	A	B	C	D	E	F	G	
1	Timestamp	Blogs & RSS [Twitter, Google Reader]	Evaluation of blogs & RSS [Twitter, Google Reader]	Social networks [Facebook, MySpace, LinkedIn]	Evaluation of social networks [Facebook, MySpace, LinkedIn]	Wikis [Wikipedia, Google Sites, Knol]	Evaluation of wikis [Wikipedia, Google Sites, Knol]	Wiki Rob
2	10/16/2008 18:23:13		2 Learned about Blogs and RSS, enjoyed learning about the RSS functions better than the other.		1 Enjoyed this a lot, it was good to learn about other web sites and functions such as Facebook and MySpace.		1 Now this is cool! Wikis are great tools, and I enjoyed learning about editing Wikipedia.	
3	10/16/2008 18:25:13		1 good overview Twitter was very enlightening, though I really would have liked to go more into the business model behind blogs. That's actually a		2 we sorta glossed over facebook pages and applications		1 was great opened my eyes to the possibilities beyond wikipedia	

Add Sheet

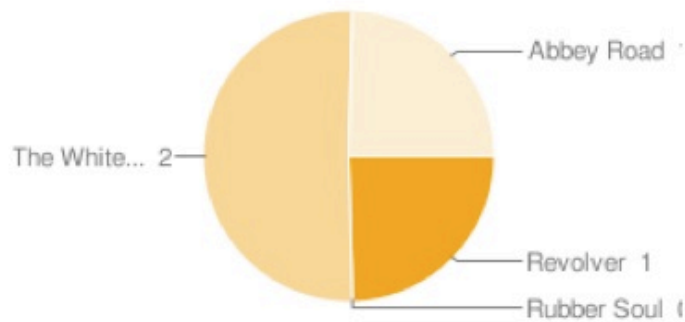
Sheet1 ▾

Timestamp

4 [responses](#)

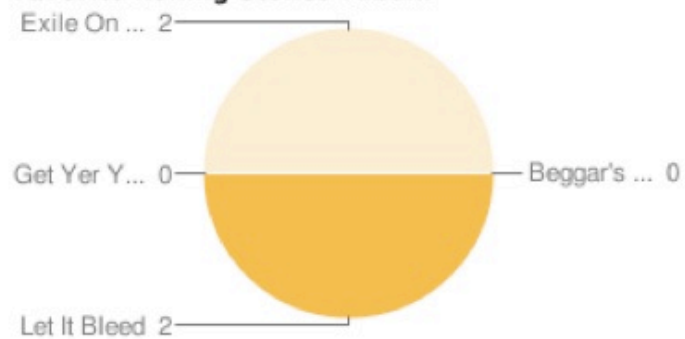
Summary [See complete responses](#)

Favorite Beatles Album



Revolver	1	25%
Rubber Soul	0	0%
The White Album	2	50%
Abbey Road	1	25%

Favorite Rolling Stones Album



Beggar's Banquet	0	0%
Let It Bleed	2	50%
Get Yer Ya-Ya's Out!	0	0%
Exile On Main Street	2	50%

Integrating

OpenOffice.org

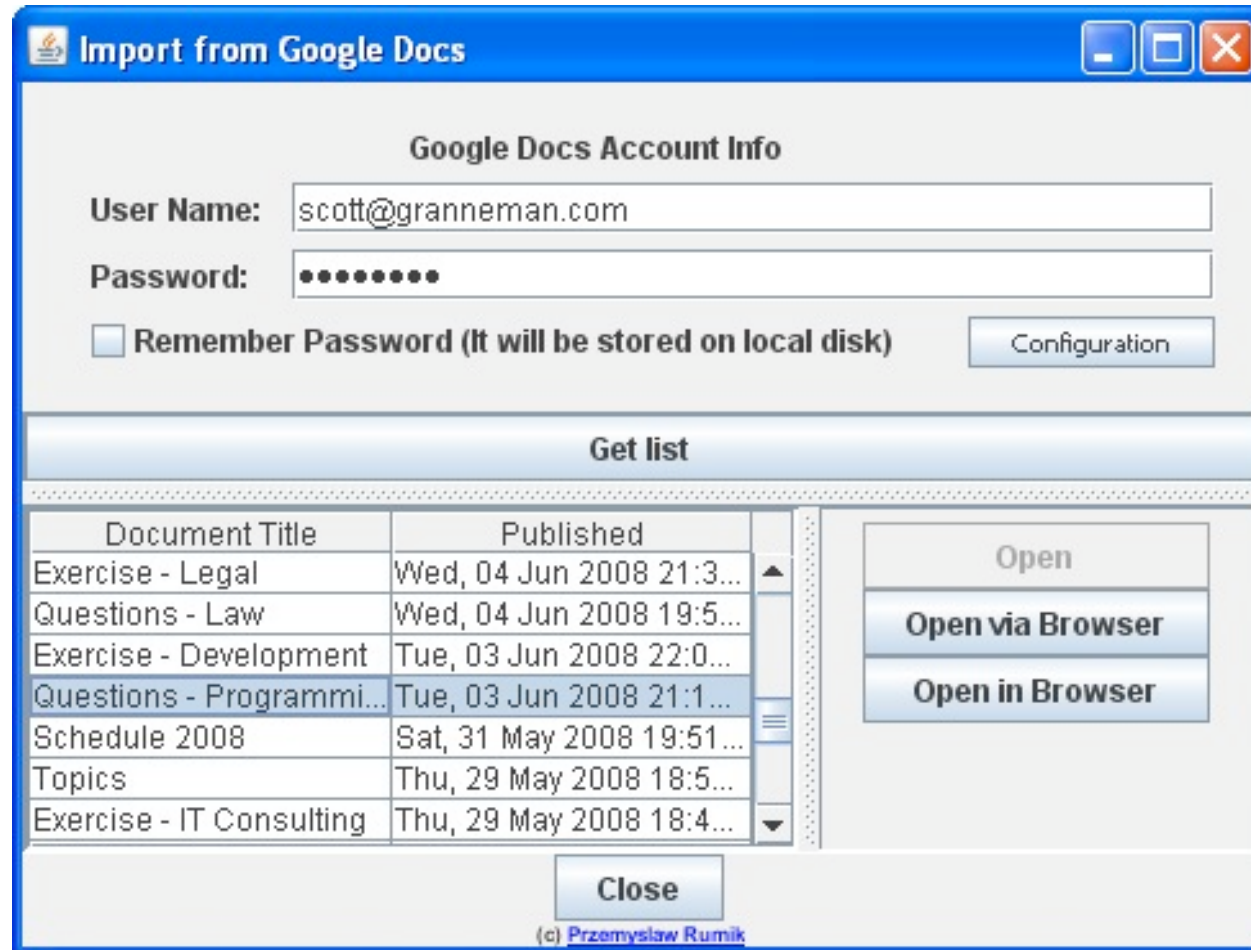
OoGdocsIntegrator

[extensions.services.openoffice.org/
project/OoGdocsIntegrator](http://extensions.services.openoffice.org/project/OoGdocsIntegrator)

OpenOffice.org2GoogleDocs

[extensions.services.openoffice.org/
project/ooo2gd](http://extensions.services.openoffice.org/project/ooo2gd)

OpenOffice.org2GoogleDocs

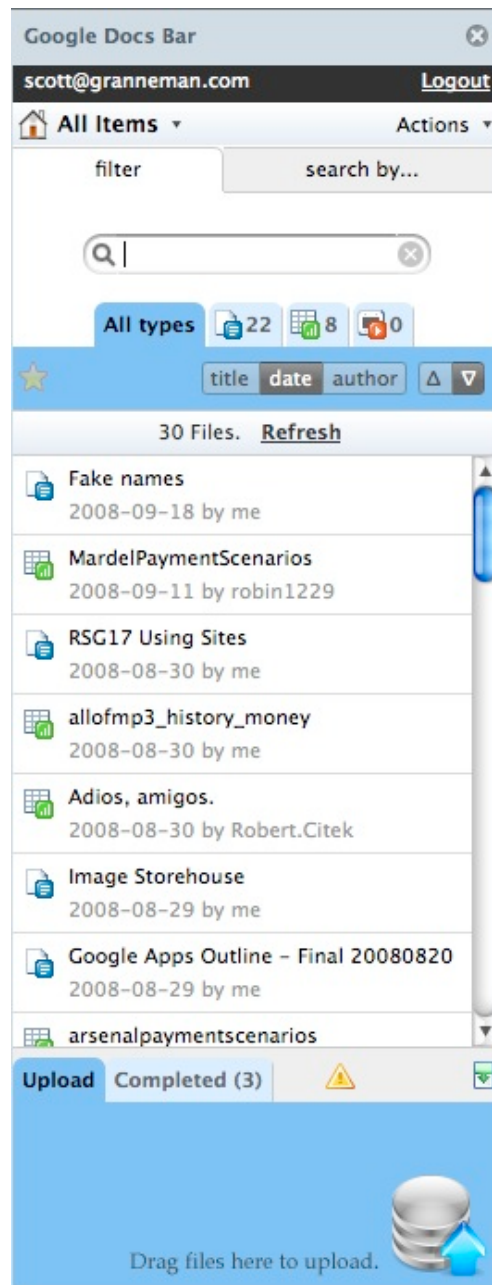


Firefox

Send to Google Docs extension
[addons.mozilla.org/en-US/
firefox/addon/8552](https://addons.mozilla.org/en-US/firefox/addon/8552)

Google Toolbar for Firefox
toolbar.google.com

gDocsBar extension
[addons.mozilla.org/en-US/
firefox/addon/6363](https://addons.mozilla.org/en-US/firefox/addon/6363)



Backing Up

Gmail

getmail, a better fetchmail

<http://pyropus.ca/software/getmail/>

Free & open source


POP3 over SSL & IMAP over SSL

Matt Cutt's
"How to back up your Gmail
on Linux in four easy steps"

[http://www.mattcutts.com/blog/
backup-gmail-in-linux-with-getmail/](http://www.mattcutts.com/blog/backup-gmail-in-linux-with-getmail/)



Contacts

Synchronize with:

- ✓ Plaxo
- ✓ Zindus Thunderbird Contact Sync
 - ✓ GCALDaemon
 - ✓ Spanning Sync 

Calendar

Synchronize with:

- ✓ ScheduleWorld
- ✓ GCALDaemon
- ✓ Spanning Sync 
- ✓ CalDAV 

Docs

Automated & scriptable

Gdatacopier

<http://code.google.com/p/gdatacopier>

Python, CLI, & cron

Manual
Greasemonkey Firefox extension
+
Google Docs Download
<http://1st-soft.net/gdd/>
+
DownThemAll Firefox extension

Sites

```
wget -r -v -p -w 7 --random-wait --  
cut-dirs=5 -nH -E -k -np --no-check-  
certificate -D sites.google.com -X /  
support -R  
compare*,revisions*,createPage* -np  
--http-user="you@yourdomain.com"  
https://sites.google.com:443/a/  
yourdomain.com/yourwiki/
```

```
vim ~/.wgetrc  
http_password = 123456
```

Thank you!

Email: scott@granneman.com

Web: www.granneman.com

Publications: www.granneman.com/pubs

Blog: blog.granneman.com

Blog: www.1and100zeroes.com

Google Apps Deciphered

Compute in the Cloud to Streamline Your Desktop

St. Louis UNIX Users Group

R. Scott Granneman

scott@granneman.com

www.granneman.com

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Last updated 20081210

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Questions? Email scott@granneman.com