The State of the GNOME 3 Shell

Owen Taylor

GUADEC
Den Haag
28th July 2010

What happened since GCDS?

We wrote
code

gnome-shell – 1362 commits (since GCDS)

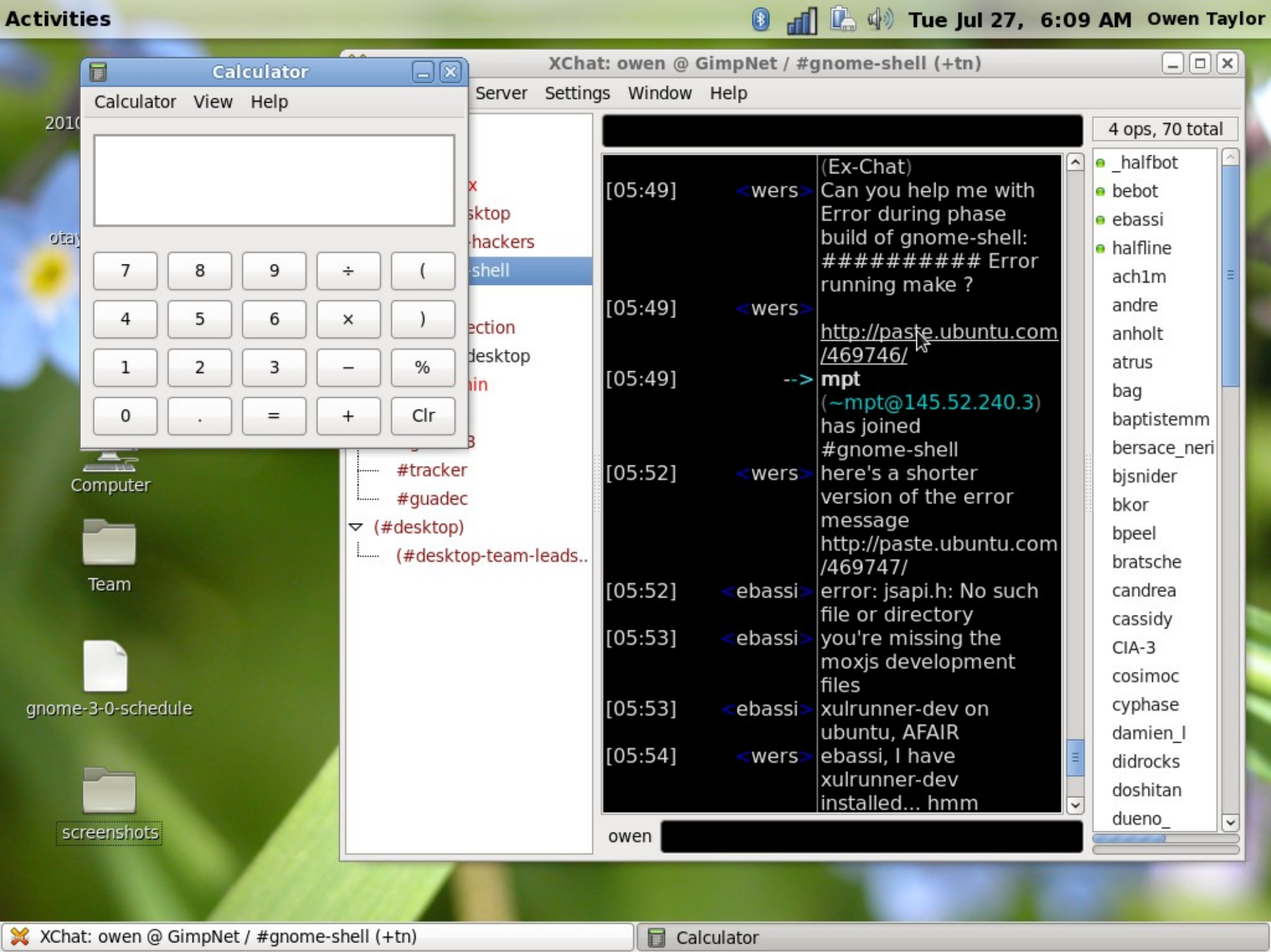
1174 code commits
188 translation commits

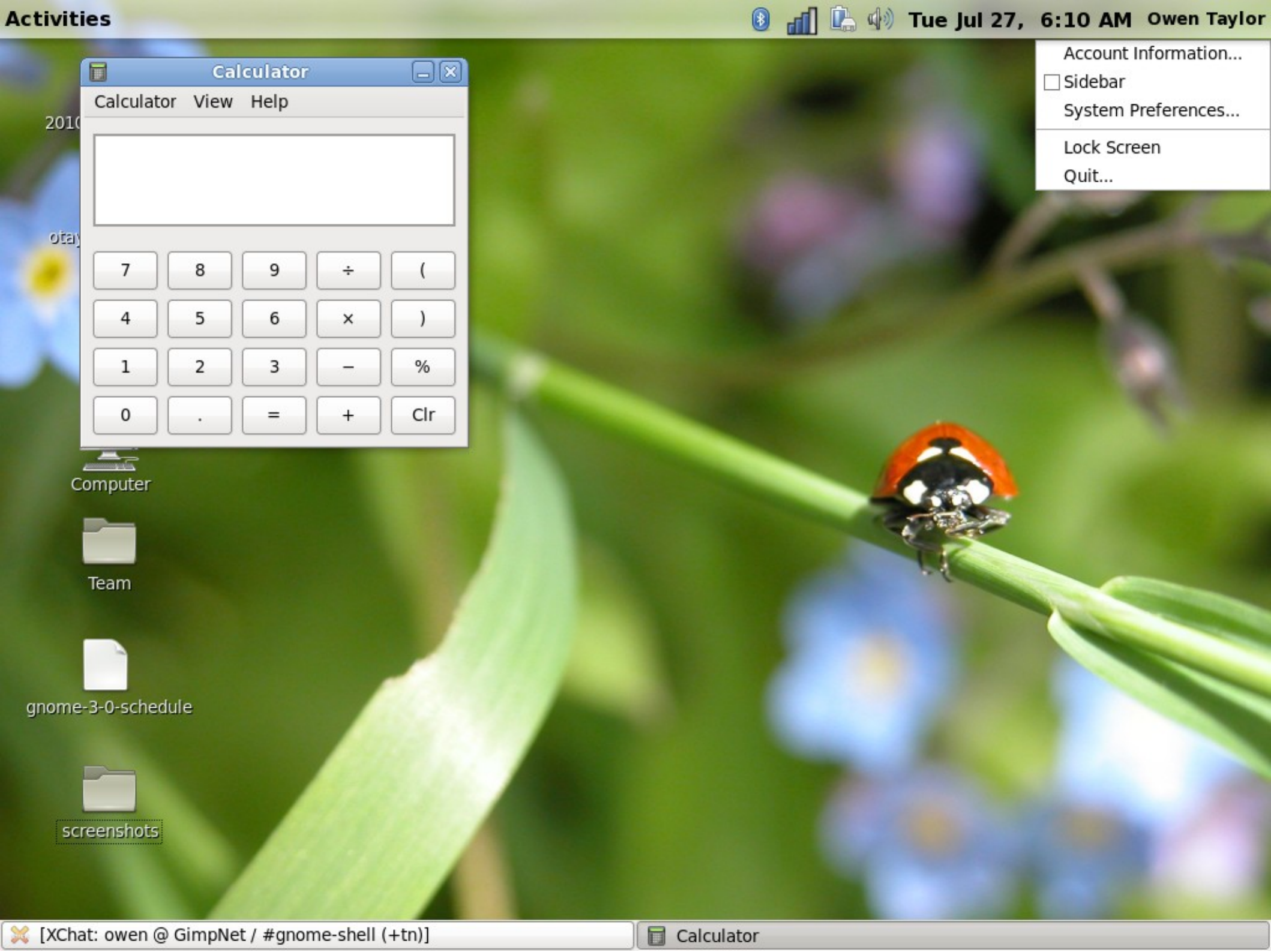
New Contributors Appeared

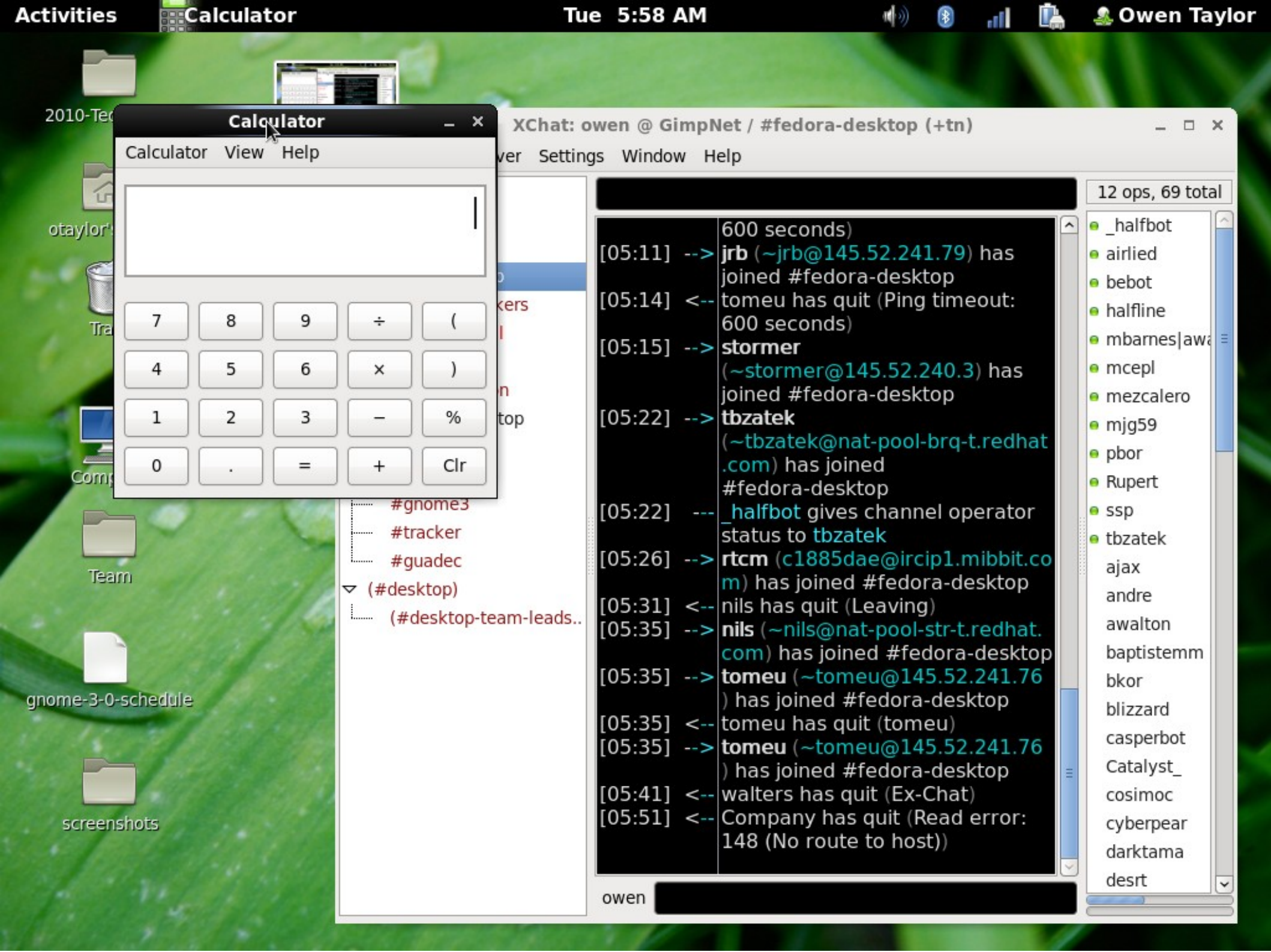
Top 10 Committers since GCDS

Colin Walters (353)
Dan Winship (178)
Owen Taylor (172)
Florian Müllner (170)
Adel Gadllah (73)
Marina Zhurakhinskaya (54)
Maxim Ermilov (38)
Siegfried-Angel Gevatter Pujals (37)
Steve Frécinaux (15)
Sander Dijkhuis (13)

User Interface Redesign


Activities
Tue Jul 27, 6:09 AM Owen Taylor
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
XChat: owen @ GimpNet / #gnome-shell (+tn)
Server Settings Window Help
#tracker
#guadec
(#desktop)
(#desktop-team-leads..
4 ops, 70 total
_halfbot
bebot
ebassi
halfline
ach1m
andre
anholt
atrus
bag
baptistemm
bersace_neri
bjsnider
bkor
bpeel
bratsche
candrea
cassidy
CIA-3
cosimoc
cyphase
damien_l
didrocks
doshitan
dueno_
[05:49] <wers> (Ex-Chat) Can you help me with Error during phase build of gnome-shell: ########## Error running make ?
[05:49] <wers> http://paste.ubuntu.com/469746/
[05:49] --> mpt (~mpt@145.52.240.3) has joined #gnome-shell
[05:52] <wers> here's a shorter version of the error message http://paste.ubuntu.com/469747/
[05:52] <ebassi> error: jsapi.h: No such file or directory
[05:53] <ebassi> you're missing the moxjs development files
[05:53] <ebassi> xulrunner-dev on ubuntu, AFAIR
[05:54] <wers> ebassi, I have xulrunner-dev installed... hmm
owen
Computer
Team
gnome-3-0-schedule
screenshots
XChat: owen @ GimpNet / #gnome-shell (+tn)
Calculator

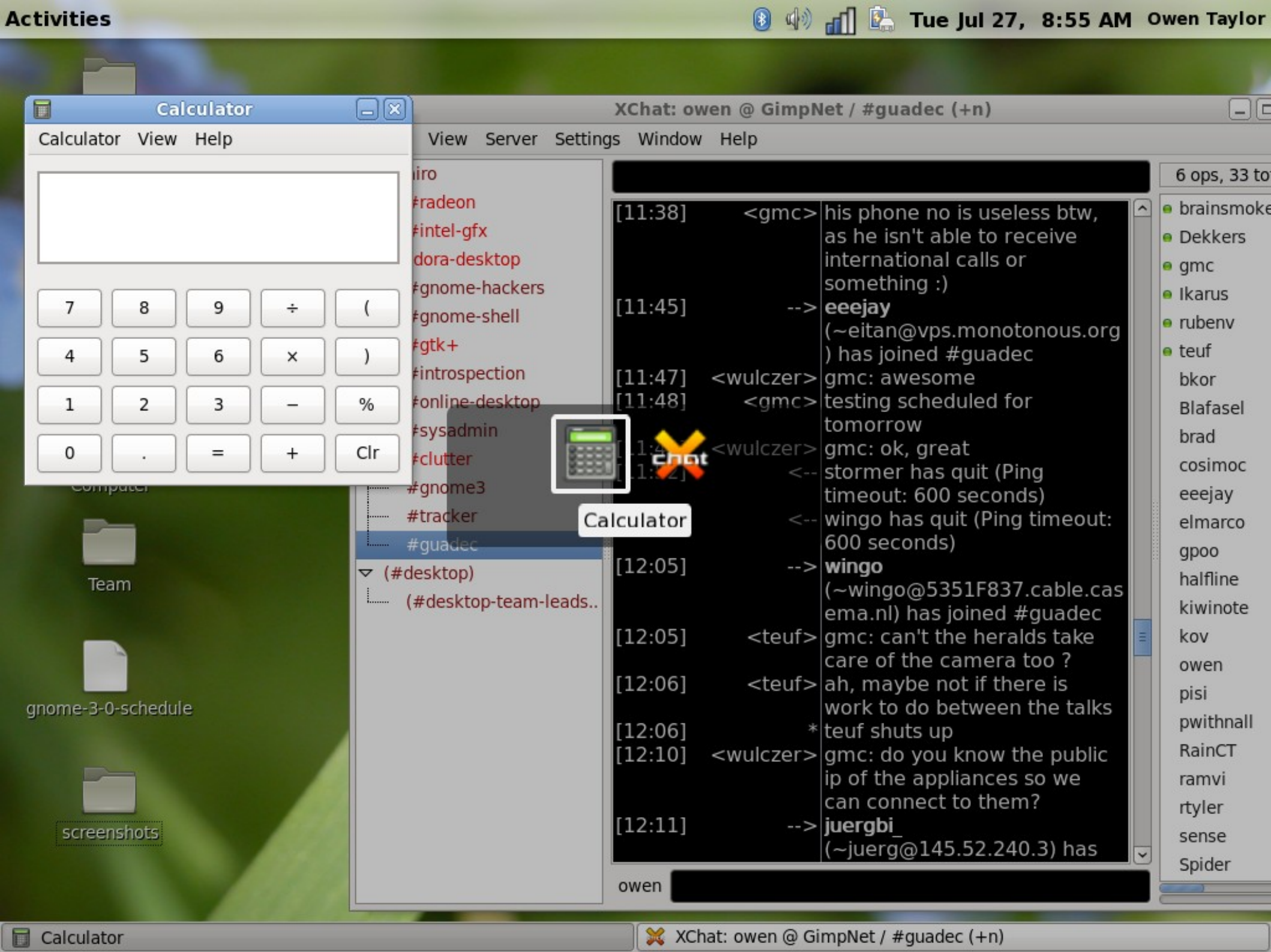

Activities
Tue Jul 27, 6:10 AM
Owen Taylor
Account Information...
Sidebar
System Preferences...
Lock Screen
Quit...
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
Computer
Team
gnome-3-0-schedule
screenshots
[XChat: owen @ GimpNet / #gnome-shell (+tn)]
Calculator

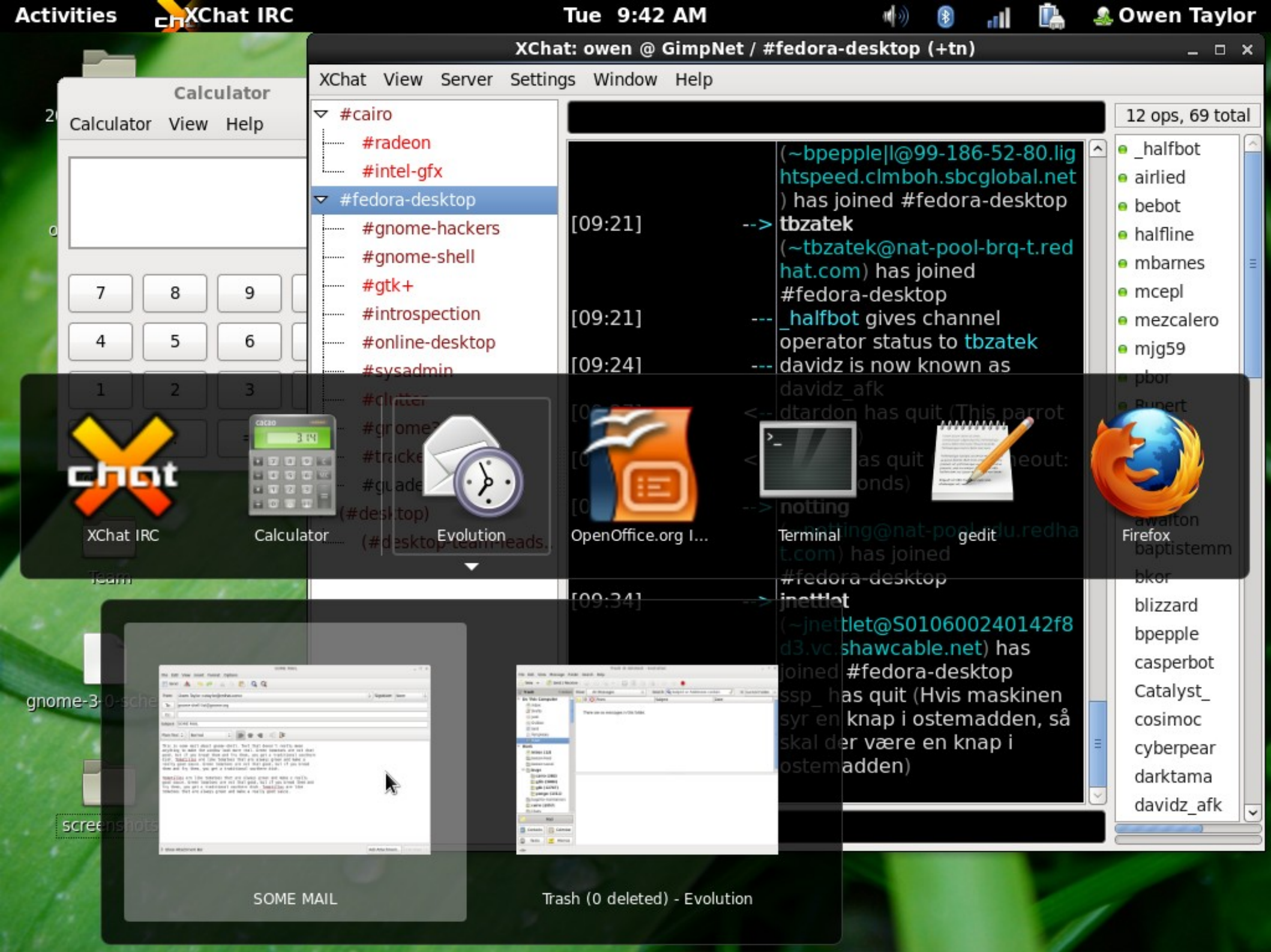

Activities
Calculator
Tue 5:58 AM
Owen Taylor
2010-Tec
otaylor'
Tra
Comp
Team
gnome-3-0-schedule
screenshots
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
XChat: owen @ GimpNet / #fedora-desktop (+tn)
ver Settings Window Help
#gnome3
#tracker
#guadec
(#desktop)
(#desktop-team-leads..
600 seconds)
[05:11] --> jrb (~jrb@145.52.241.79) has joined #fedora-desktop
[05:14] <-- tomeu has quit (Ping timeout: 600 seconds)
[05:15] --> stormer (~stormer@145.52.240.3) has joined #fedora-desktop
[05:22] --> tbzatek (~tbzatek@nat-pool-brq-t.redhat.com) has joined #fedora-desktop
[05:22] --- _halfbot gives channel operator status to tbzatek
[05:26] --> rtcm (c1885dae@ircip1.mibbit.com) has joined #fedora-desktop
[05:31] <-- nils has quit (Leaving)
[05:35] --> nils (~nils@nat-pool-str-t.redhat.com) has joined #fedora-desktop
[05:35] --> tomeu (~tomeu@145.52.241.76) has joined #fedora-desktop
[05:35] <-- tomeu has quit (tomeu)
[05:35] --> tomeu (~tomeu@145.52.241.76) has joined #fedora-desktop
[05:41] <-- walters has quit (Ex-Chat)
[05:51] <-- Company has quit (Read error: 148 (No route to host))
owen
12 ops, 69 total
_halfbot
airlied
bebot
halfline
mbarnes|awa
mcepl
mezcalero
mjg59
pbor
Rupert
ssp
tbzatek
ajax
andre
awalton
baptistemm
bkor
blizzard
casperbot
Catalyst_
cosimoc
cyberpear
darktama
desrt

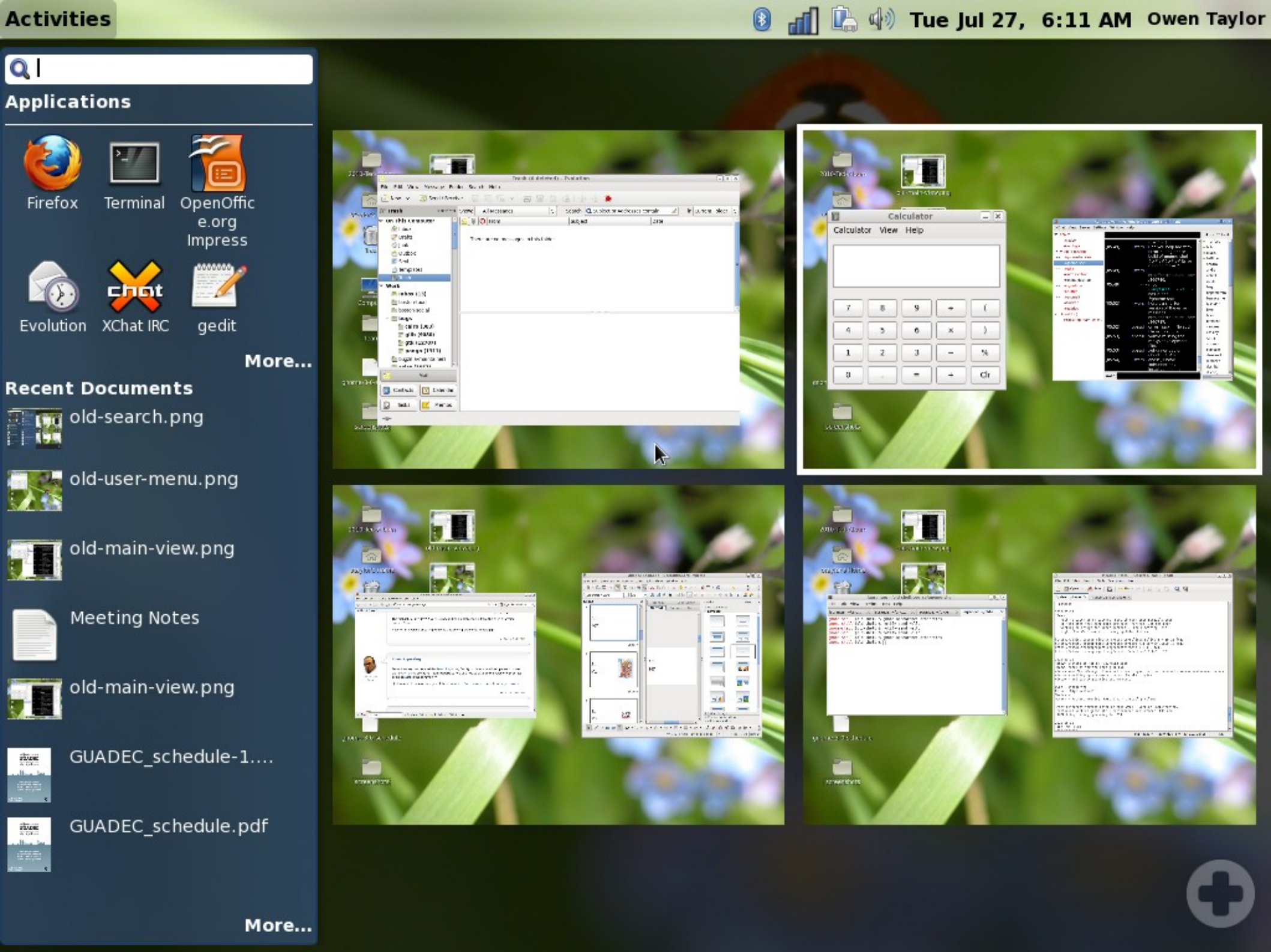
Activities
Calculator
Tue 5:58 AM
Owen Taylor
Available
Busy
Invisible
Account Information...
System Preferences...
Lock Screen
Log Out...
Shut Down...
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
2010-Tec
otaylor'
Tra
Comp
Team
gnome-3-0-schedule
screenshots

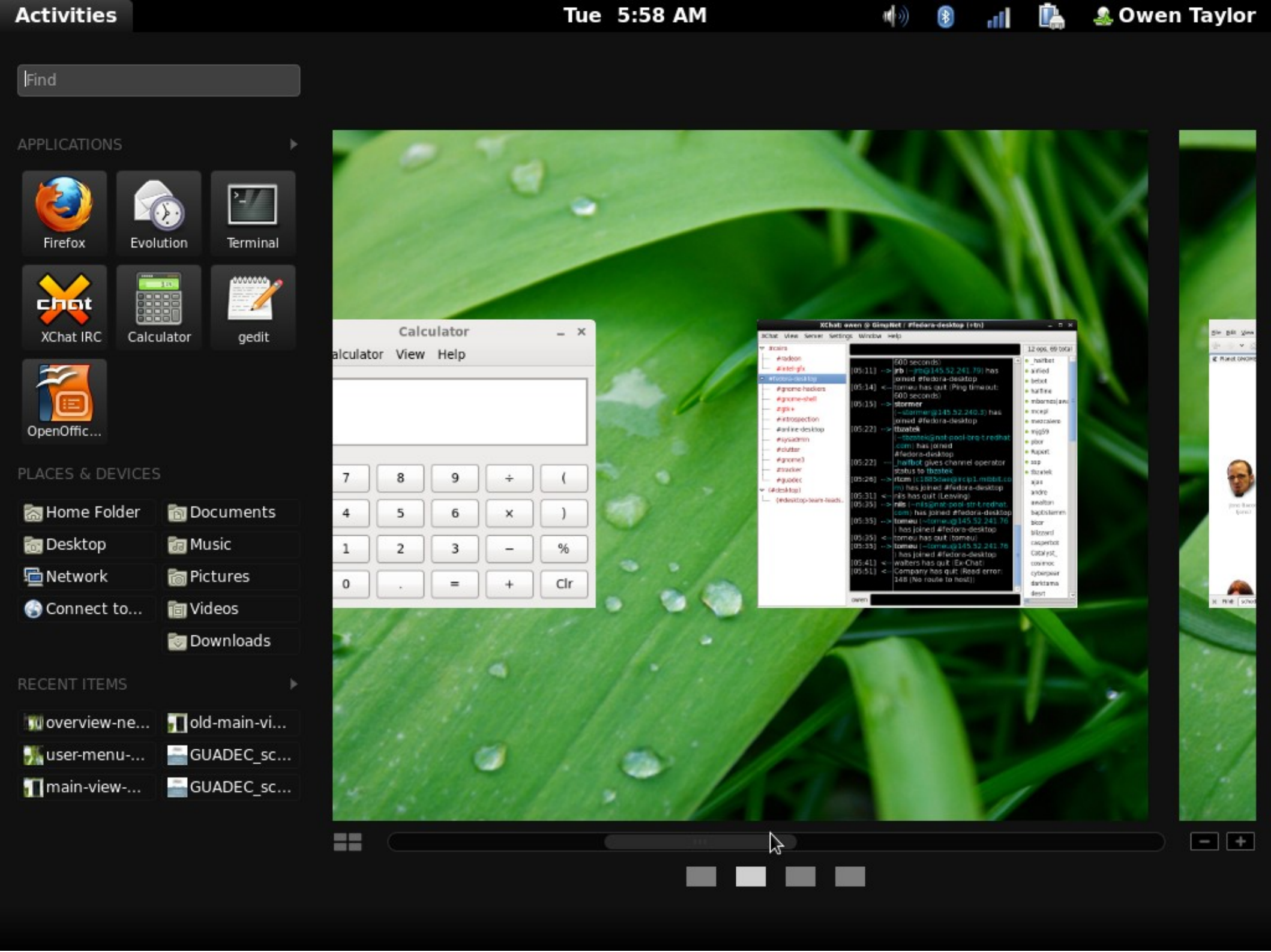
Activities
Calculator
Tue 11:55 AM
Owen Taylor
2010-Ted-Album
otay
Co
Team
gnome-3-0-schedule
screenshots
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
< July 2010 >
Sun Mon Tue Wed Thu Fri Sat
27 28 29 30 1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

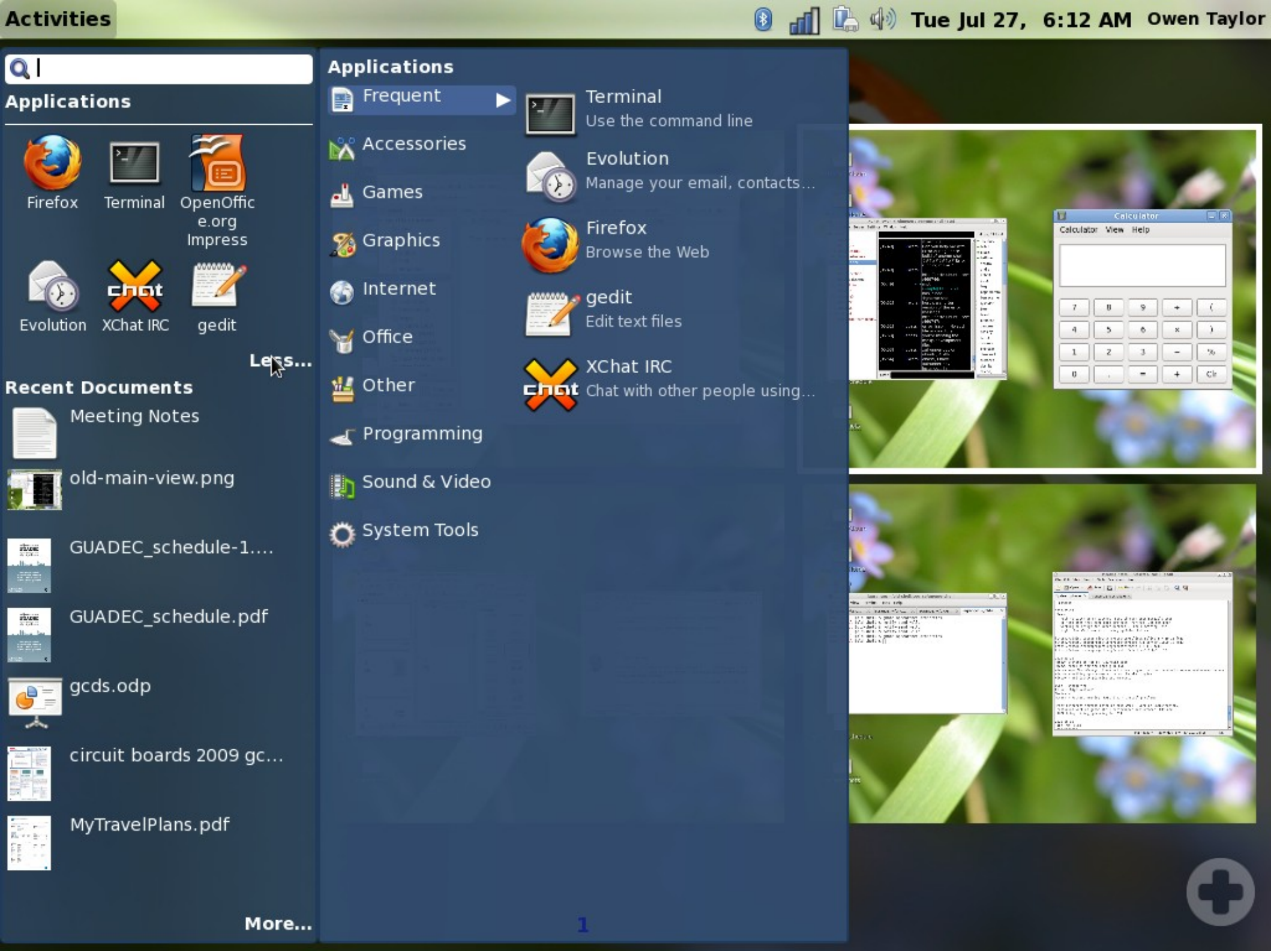
Activities
Calculator
Tue 4:51 PM
Owen Taylor
Quit Calculator
2010-Ted-Album
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
Team
gnome-3-0-schedule
screenshots


Activities
Tue Jul 27, 8:55 AM
Owen Taylor
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
XChat: owen @ GimpNet / #guadec (+n)
View Server Settings Window Help
#radeon
#intel-gfx
#gnome-hackers
#gnome-shell
#gtk+
#introspection
#online-desktop
#sysadmin
#clutter
#gnome3
#tracker
#guadec
(#desktop)
(#desktop-team-leads..
[11:38] <gmc> his phone no is useless btw, as he isn't able to receive international calls or something :)
[11:45] --> eeejay (~eitan@vps.monotonous.org) has joined #guadec
[11:47] <wulczer> gmc: awesome
[11:48] <gmc> testing scheduled for tomorrow
<wulczer> gmc: ok, great
<-- stormer has quit (Ping timeout: 600 seconds)
<-- wingo has quit (Ping timeout: 600 seconds)
[12:05] --> wingo (~wingo@5351F837.cable.casema.nl) has joined #guadec
[12:05] <teuf> gmc: can't the heralds take care of the camera too ?
[12:06] <teuf> ah, maybe not if there is work to do between the talks
[12:06] * teuf shuts up
[12:10] <wulczer> gmc: do you know the public ip of the appliances so we can connect to them?
[12:11] --> juergbi_ (~juerg@145.52.240.3) has
6 ops, 33 to
brainsmoke
Dekkers
gmc
Ikarus
rubenv
teuf
bkor
Blafasel
brad
cosimoc
eeejay
elmarco
gpoo
halfline
kiwinote
kov
owen
pisi
pwithnall
RainCT
ramvi
rtyler
sense
Spider
owen
Calculator
Team
gnome-3-0-schedule
screenshots
Calculator
XChat: owen @ GimpNet / #guadec (+n)

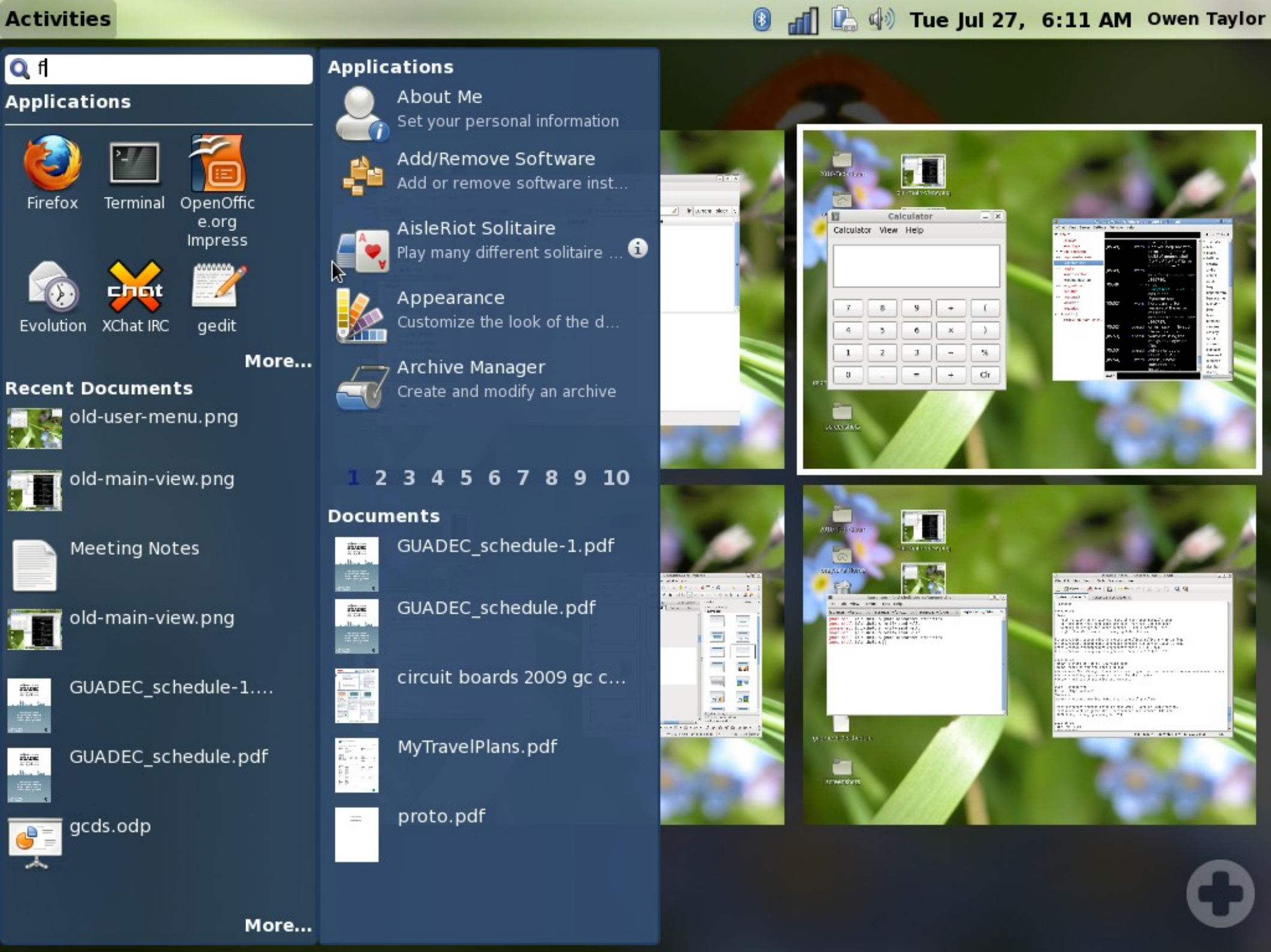

Activities
XChat IRC
Tue 9:42 AM
Owen Taylor
XChat: owen @ GimpNet / #fedora-desktop (+tn)
XChat View Server Settings Window Help
#cairo
#radeon
#intel-gfx
#fedora-desktop
#gnome-hackers
#gnome-shell
#gtk+
#introspection
#online-desktop
#sysadmin
12 ops, 69 total
_halfbot
airlied
bebot
halfline
mbarnes
mcepl
mezcalero
mjg59
Calculator
Calculator View Help
XChat IRC
Calculator
Evolution
OpenOffice.org I...
Terminal
gedit
Firefox
SOME MAIL
Trash (0 deleted) - Evolution

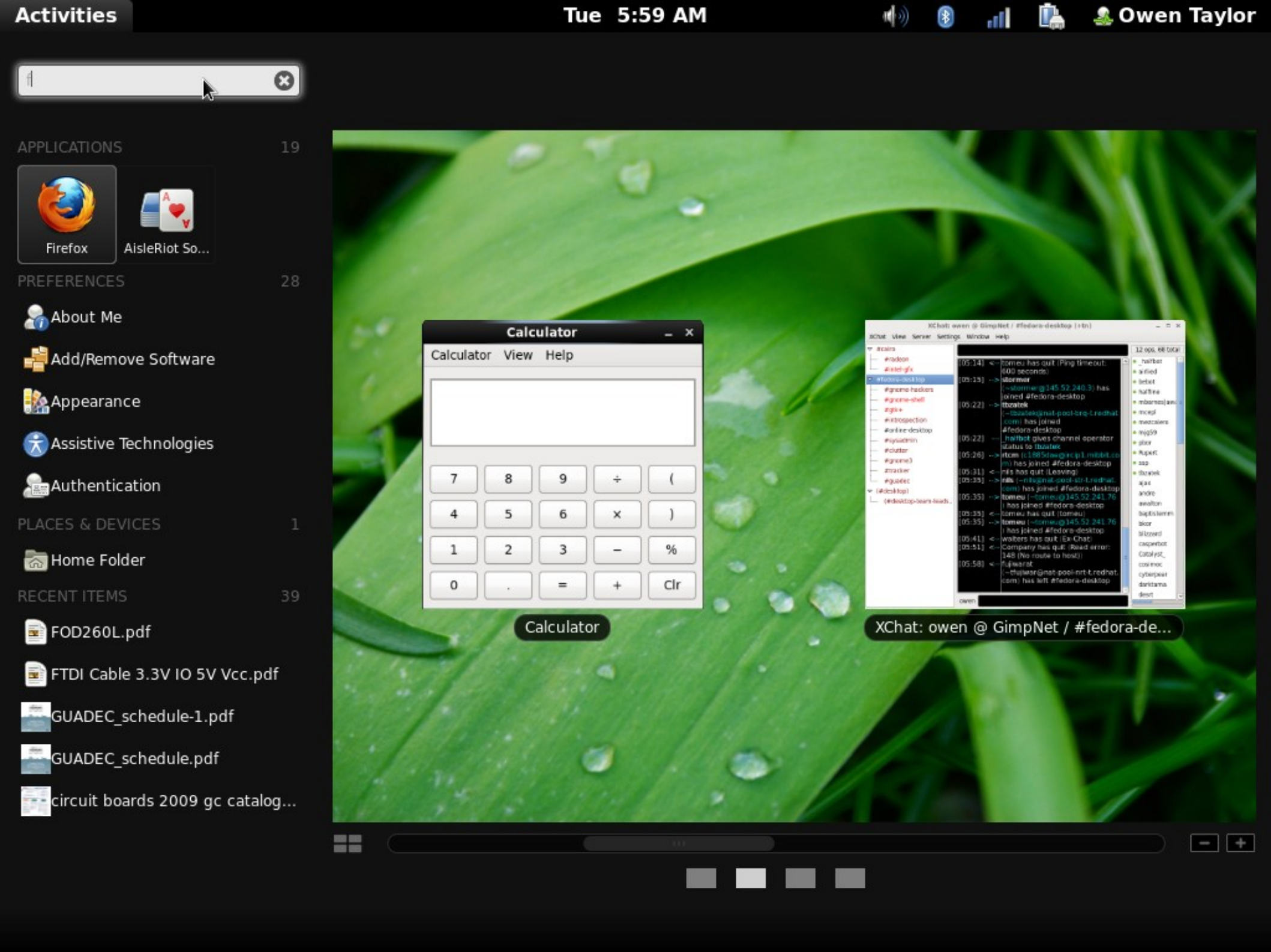

Activities
Tue Jul 27, 6:11 AM
Owen Taylor
Applications
Firefox
Terminal
OpenOffice.org Impress
Evolution
XChat IRC
gedit
More...
Recent Documents
old-search.png
old-user-menu.png
old-main-view.png
Meeting Notes
old-main-view.png
GUADEC_schedule-1....
GUADEC_schedule.pdf
More...
Calculator
Calculator View Help

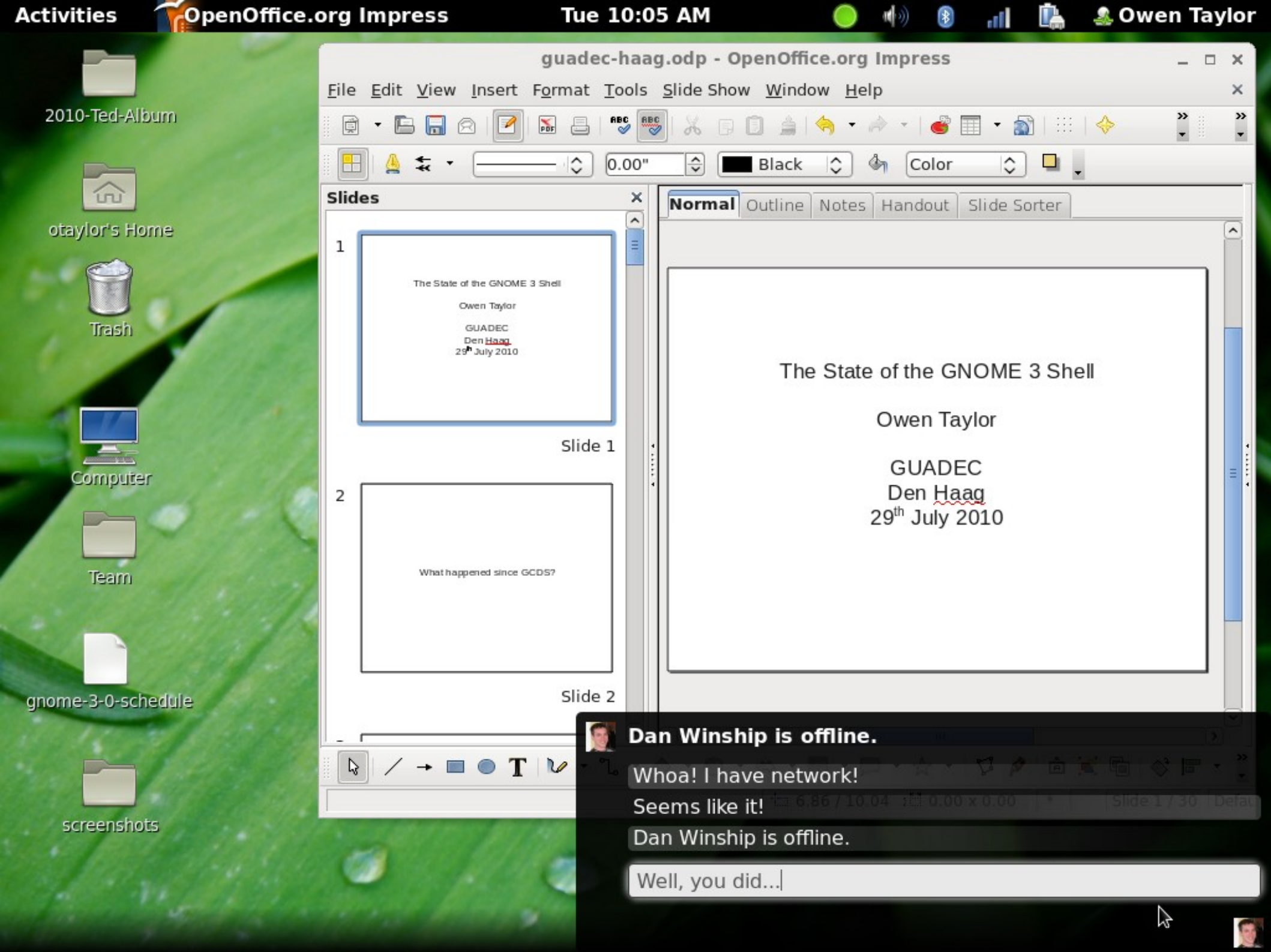

Activities
Tue 5:58 AM
Owen Taylor
Find
APPLICATIONS
Firefox
Evolution
Terminal
XChat IRC
Calculator
gedit
OpenOffic...
PLACES & DEVICES
Home Folder
Documents
Desktop
Music
Network
Pictures
Connect to...
Videos
Downloads
RECENT ITEMS
overview-ne...
old-main-vi...
user-menu-...
GUADEC_sc...
main-view-...
GUADEC_sc...
Calculator
alculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr


Activities
Tue Jul 27, 6:12 AM
Owen Taylor
Applications
Firefox
Terminal
OpenOffice.org Impress
Evolution
XChat IRC
gedit
Less...
Recent Documents
Meeting Notes
old-main-view.png
GUADEC_schedule-1....
GUADEC_schedule.pdf
gcds.odp
circuit boards 2009 gc...
MyTravelPlans.pdf
More...
Applications
Frequent
Accessories
Games
Graphics
Internet
Office
Other
Programming
Sound & Video
System Tools
Terminal
Use the command line
Evolution
Manage your email, contacts...
Firefox
Browse the Web
gedit
Edit text files
XChat IRC
Chat with other people using...
1

Activities
Tue 6:03 AM
Owen Taylor
Find
APPLICATIONS
Firefox
Evolution
Calculator
XChat IRC
Terminal
gedit
OpenOffic...
PLACES & DEVICES
Home Folder
Documents
Desktop
Music
Network
Pictures
Connect to...
Videos
Downloads
RECENT ITEMS
old-main-vi...
gcds.odp
GUADEC_sc...
circuit boar...
GUADEC_sc...
MyTravelPla...
Audio CD ...
Brasero
Cheese
Empathy
Evolution
Firefox
GNU Imag...
Help
Movie Pla...
OpenOffic...
Pino - Twit...
Project M...
Release N...
Remote D...
Rhythmbox
Shotwell ...
Simple Sc...
Transmiss...
XChat IRC
AisleRiot ...
Iagno
Mines
Sudoku
XChat: owen @ GimpNet / #gnome-s...


Activities
Tue Jul 27, 6:11 AM
Owen Taylor
fl
Applications
Firefox
Terminal
OpenOffice.org Impress
Evolution
XChat IRC
gedit
More...
Recent Documents
old-user-menu.png
old-main-view.png
Meeting Notes
old-main-view.png
GUADEC_schedule-1....
GUADEC_schedule.pdf
gcds.odp
More...
Applications
About Me
Set your personal information
Add/Remove Software
Add or remove software inst...
AisleRiot Solitaire
Play many different solitaire ...
Appearance
Customize the look of the d...
Archive Manager
Create and modify an archive
1 2 3 4 5 6 7 8 9 10
Documents
GUADEC_schedule-1.pdf
GUADEC_schedule.pdf
circuit boards 2009 gc c...
MyTravelPlans.pdf
proto.pdf
Calculator
Calculator View Help


Activities
Tue 5:59 AM
Owen Taylor
APPLICATIONS 19
Firefox
AisleRiot So...
PREFERENCES 28
About Me
Add/Remove Software
Appearance
Assistive Technologies
Authentication
PLACES & DEVICES 1
Home Folder
RECENT ITEMS 39
FOD260L.pdf
FTDI Cable 3.3V IO 5V Vcc.pdf
GUADEC_schedule-1.pdf
GUADEC_schedule.pdf
circuit boards 2009 gc catalog...
Calculator
Calculator View Help
Clr
Calculator
XChat: owen @ GimpNet / #fedora-de...


Activities
OpenOffice.org Impress
Tue 10:05 AM
Owen Taylor
2010-Ted-Album
otaylor's Home
Trash
Computer
Team
gnome-3-0-schedule
screenshots
guadec-haag.odp - OpenOffice.org Impress
File Edit View Insert Format Tools Slide Show Window Help
0.00"
Black
Color
Slides
Normal Outline Notes Handout Slide Sorter
1
The State of the GNOME 3 Shell
Owen Taylor
GUADEC
Den Haag
29th July 2010
Slide 1
2
What happened since GCDS?
Slide 2
The State of the GNOME 3 Shell
Owen Taylor
GUADEC
Den Haag
29th July 2010
Dan Winship is offline.
Whoa! I have network!
Seems like it!
Dan Winship is offline.
Well, you did...

Hot
Corner!

St

Mx

St

Mx

St

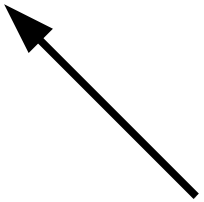
Mx

Clutter
Toolkits

St

Mx

Clutter
Toolkits



the original

ST

CSS Features:

Transitions
Property Inheritance
Rounded Corners
Shadows
etc.

Mx

Many more Widgets:

ComboBox
List View
Notebook
Progressbar
...

Deformations

And ...

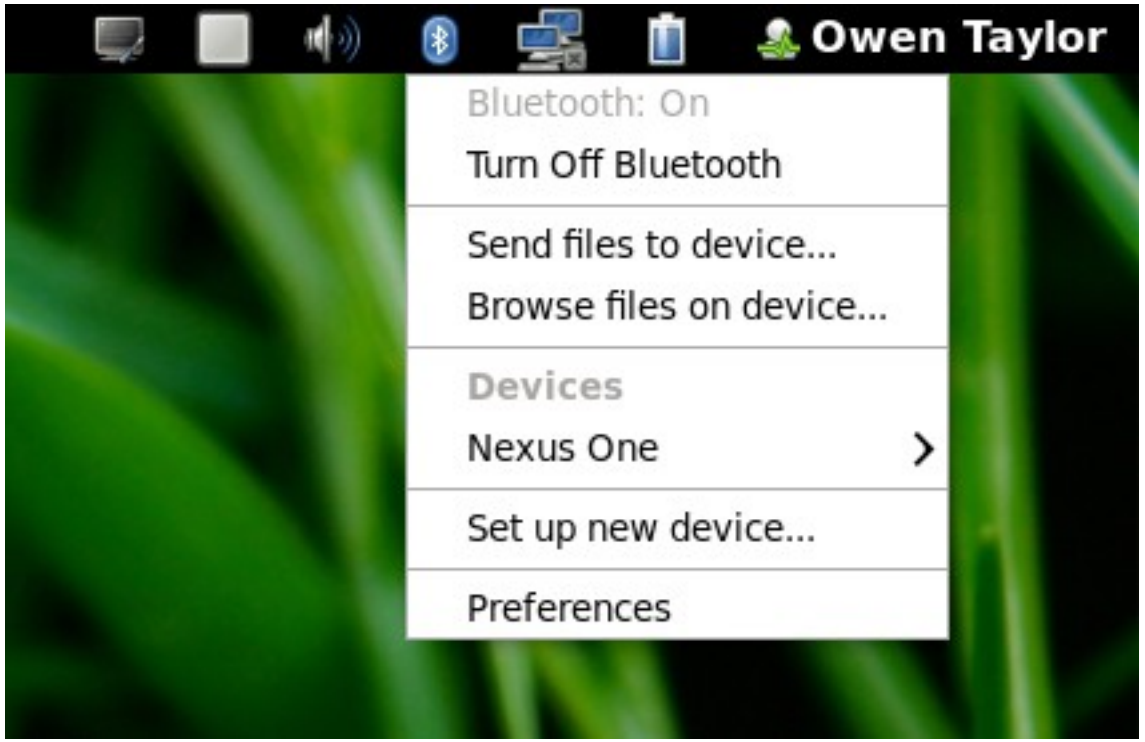
- “Looking Glass”
- Magnifier
- Nice scale-down
- Basic multi-monitor support
- Performance
- Bugs, bugs, bugs, bugs
- ... much more ...

Code Review

Status

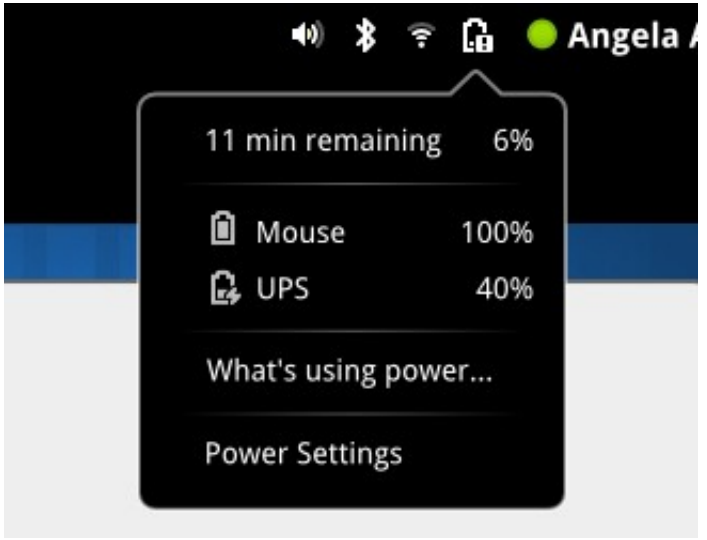
In good shape

Window Management
Application Launching
Workspaces
Message Tray


Owen Taylor
Bluetooth: On
Turn Off Bluetooth
Send files to device...
Browse files on device...
Devices
Nexus One
Set up new device...
Preferences

Owen Taylor
Laptop battery (83.8%)
Preferences

Bluetooth
ON
Send Files to Device...
Browse Files on Devices...
DEVICES
BT Mouse
BT Keyboard
Setup a New Device...
Bluetooth Settings


11 min remaining 6%
Mouse 100%
UPS 40%
What's using power...
Power Settings

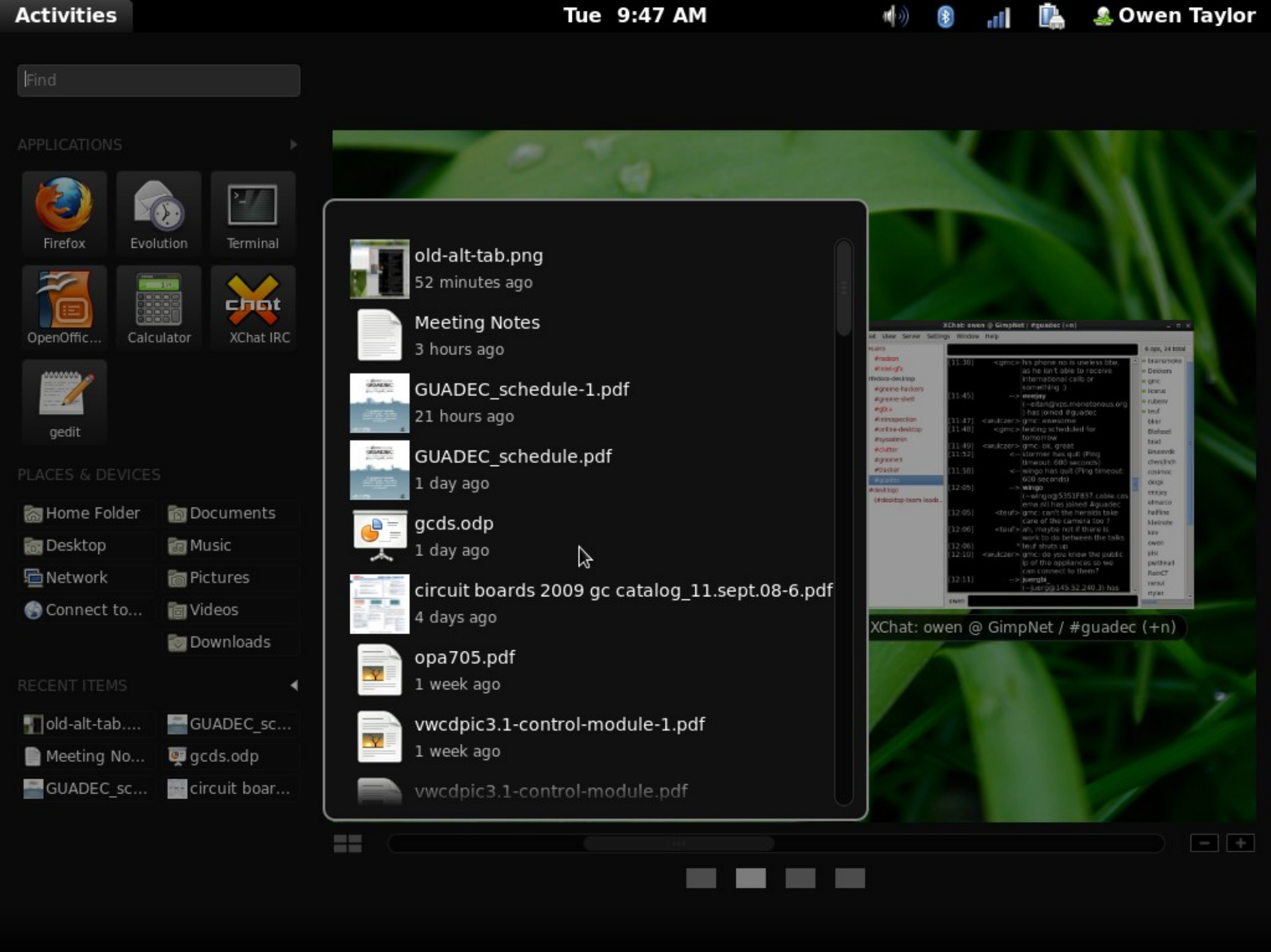
Activities
Tue 9:44 AM
Owen Taylor
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
Available
Busy
Invisible
Account Information...
System Preferences...
Lock Screen
Log Out...
Shut Down...
Log out of this system now?
You are currently logged in as "Owen Taylor".
You will be automatically logged out in 60 seconds.
Switch User
Cancel
Log Out
Computer
Team
gnome-3-0-schedule
screenshots

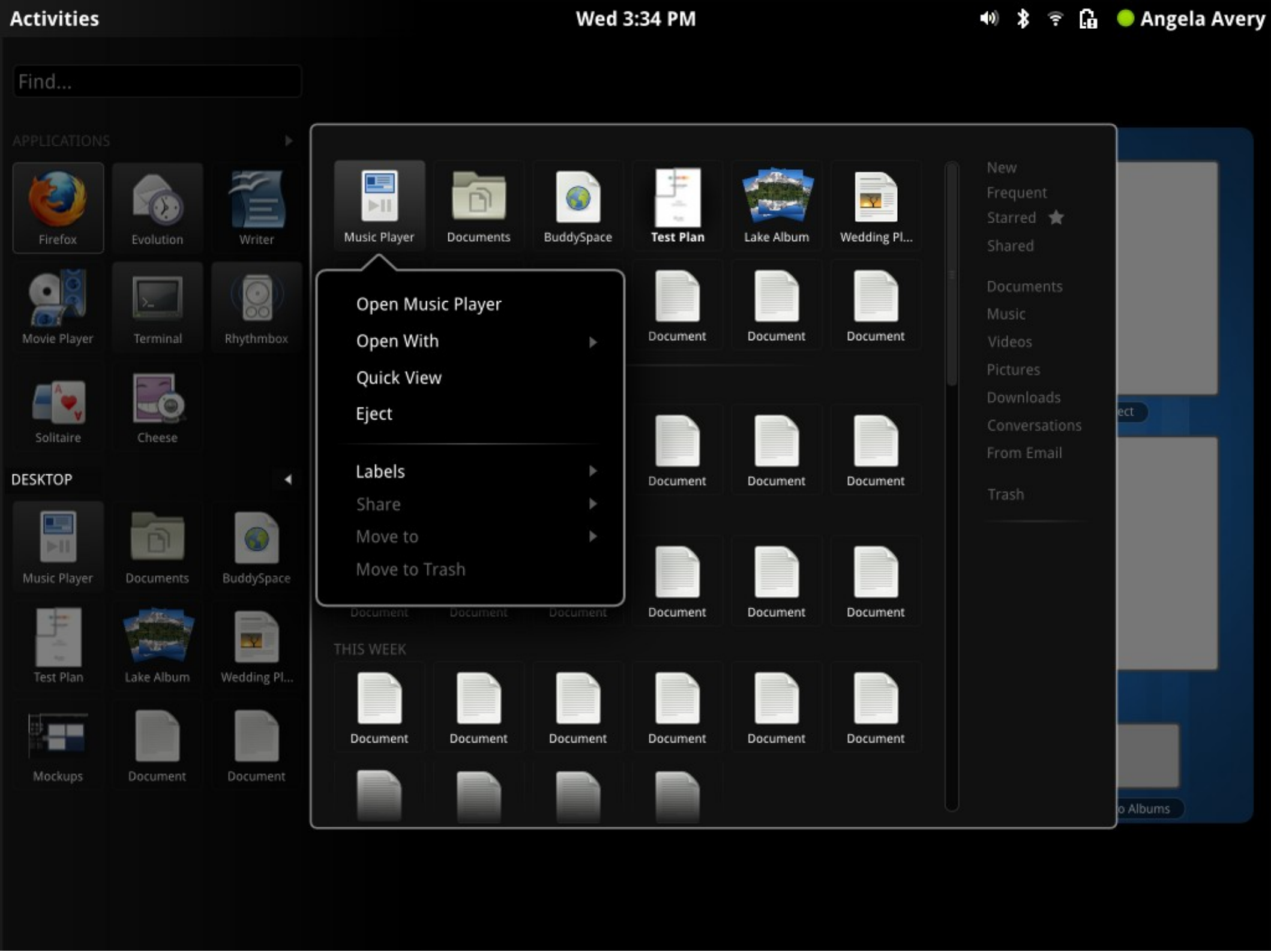
Activities
Firefox
Wed 3:34 PM
Angela
Log Out Angela
You will be logged out automatically in 60 seconds.
Cancel
Log Out

Activities
Calculator
Tue 4:51 PM
Owen Taylor
Quit Calculator
2010-Ted-Album
Calculator
Calculator View Help
7 8 9 ÷ (
4 5 6 ×)
1 2 3 − %
0 . = + Clr
Team
gnome-3-0-schedule
screenshots

In progress

System Status Icons
Multi-Monitor Support
Application Integration
Desktop Visual Integration


Activities
Tue 9:47 AM
Owen Taylor
Find
APPLICATIONS
Firefox
Evolution
Terminal
OpenOffic...
Calculator
XChat IRC
gedit
PLACES & DEVICES
Home Folder
Documents
Desktop
Music
Network
Pictures
Connect to...
Videos
Downloads
RECENT ITEMS
old-alt-tab....
GUADEC_sc...
Meeting No...
gcds.odp
GUADEC_sc...
circuit boar...
old-alt-tab.png
52 minutes ago
Meeting Notes
3 hours ago
GUADEC_schedule-1.pdf
21 hours ago
GUADEC_schedule.pdf
1 day ago
gcds.odp
1 day ago
circuit boards 2009 gc catalog_11.sept.08-6.pdf
4 days ago
opa705.pdf
1 week ago
vwcdpic3.1-control-module-1.pdf
1 week ago
vwcdpic3.1-control-module.pdf
XChat: owen @ GimpNet / #guadec (+n)


Activities
Wed 3:34 PM
Angela Avery
Find...
APPLICATIONS
Firefox
Evolution
Writer
Movie Player
Terminal
Rhythmbox
Solitaire
Cheese
DESKTOP
Music Player
Documents
BuddySpace
Test Plan
Lake Album
Wedding Pl...
Mockups
Document
Document
Open Music Player
Open With
Quick View
Eject
Labels
Share
Move to
Move to Trash
THIS WEEK
New
Frequent
Starred
Shared
Documents
Music
Videos
Pictures
Downloads
Conversations
From Email
Trash

Not there yet

File Management
Weather, Calendar integration
Customization: Widgets / Extensions
Switching and Fallback
Contacts

It works...

Ship it?

Finish it?

Questions?