MUUGLines

The Manitoba UNIX User Group Newsletter

Next Meeting: October 13th, 2009

Jabber

Today, instant messaging is taken for granted. We use it to stay in constant contact with our friends and colleagues. There are some environments where it is not feasible or practical to use external IM services in a corporate environment. Like most things, there is an Open Source solution for that. In this case, we're talking about the **Jabber** instant messaging protocol.

In this presentation, Darren Hildebrand and Sean Cody, from Prime Focus VFX, will talk about the Jabber system and show how the eJabberd implementation can be used to provide closed instant messaging services in a secure, simple and client-application agnostic way. They will also discuss what logging, auditing and authentication options are available. If you were ever interested in replacing or providing AIM/MSN/ICQ/gTalk functionality in your workspace this presentation is for you.

Where to find the Meeting

Meetings are held at the IBM offices at 400 Ellice Ave. (between Edmonton and Kennedy). When you arrive, you will have to sign in at the reception desk. Please try to arrive by about 7:15pm, so the meeting can start promptly at 7:30pm.

Limited parking is available for free on the street, either on Ellice Ave. or on some of the intersecting streets. Indoor parking is also available nearby, at Portage Place, for $5.00 for the evening. Bicycle parking is available in a bike rack under video surveillance located behind the building on Webb Place.

Upcoming Meetings:
November 10th, 2009: MediaWiki
December 8th, 2009: SuseStudio

MUUG Board Elections 2009-2010

As part of the October 2009 meeting, we will be holding an election for the positions of directors to the MUUG board. The following nominees are candidates for election. Since the number of candidates (7) is less than the number of vacancies as last set by the board (8), in accordance with MUUG By-laws 5.(c) and 10.(d), the nominees shall be deemed to be elected by acclamation.

Nominee: Sean Cody, Senior System Administrator, Prime Focus VFX Services

Sean Cody is the Senior Systems Administrator for Prime Focus VFX Services (formerly Frantic Films) where he oversees all IT services and support for the Winnipeg and Vancouver offices. He has a B.Sc. in Computer Science (minored in Geology) and has been working in IT in various positions for tad over ten years. On the side he provides subsistent web hosting and consults with small businesses looking to improve their work flow, secure their data and expand their IT capabilities on small budgets. He spends most of his free time dabbling in gadgets, OpenBSD and is professionally focused on system performance and security.

Nominee: Gilbert Detillieux, Systems Analyst, University of Manitoba

Gilbert Detillieux has been working with UNIX as a programmer, system administrator, and trainer since 1980. He worked as a computer consultant specializing in UNIX, from 1983 to 1989, and is currently working as a Systems Analyst for the University of Manitoba's Department of Computer Science, where's he's worked since 1989, installing, supporting and upgrading the department's network and UNIX server infrastructure. He was co-founder and past president of the Technical UNIX User Group (now MUUG), and has been an active member of the MUUG board ever since.

Nominee: Michael Doob, Professor, University of Manitoba

Michael Doob is a member of the Mathematics Department at the University of Manitoba. He has been using UNIX since 1990, primarily as a working environment for mathematical publishing. He has been a member of MUUG for the last decade and has given a number of presentations for that group.

Nominee: Kevin McGregor, Network Analyst, City of Winnipeg

Kevin McGregor provides network administration and system support services for the City of Winnipeg. After having briefly used UTS on an Amdahl mainframe in university in the mid-80s, he dabbled in Coherent and then converted to Linux and OpenBSD. He has been a member of MUUG since the early 90s, edited the group's newsletter for a number of years, presented various topics at MUUG meetings and has served on the board for the majority of his membership.

Nominee: Montana Quiring, Systems Administrator, University of Manitoba

Montana Quiring is the IT and Systems Administrator for Housing and Student Life at the University of Manitoba. He has been using UNIX and Linux for 10 years. At first it was something to play with but is now part of his everyday home and work life. He has training in Linux, networking, writing and speaking. He has experience in IT training, administering, managing, consulting, servicing and publishing. He takes pride in making many older computers usable and more secure for friends and students by installing lightweight Linux distros on them. He also maintains a Linux PDA website and has co-produced some Linux podcasts.

Nominee: Doug Shewfelt, Systems Specialist, City of Winnipeg

Doug Shewfelt first encountered UNIX in 1980 at the University of Manitoba. He has been worked in various IT positions for the City of Winnipeg since 1985, and currently provides system and database administration support for the City. He has been a member of the MUUG board for the past several years.

Nominee: Adam Thompson

Adam has over 15 years' experience in the IT field, ranging from Programmer to Network Administrator to Chief Technology Officer & VP. He has developed several UNIX/Linux courses, and has also taught in other IT fields. Adam has been a member of MUUG since 1995, and a board member for most of the last six years.
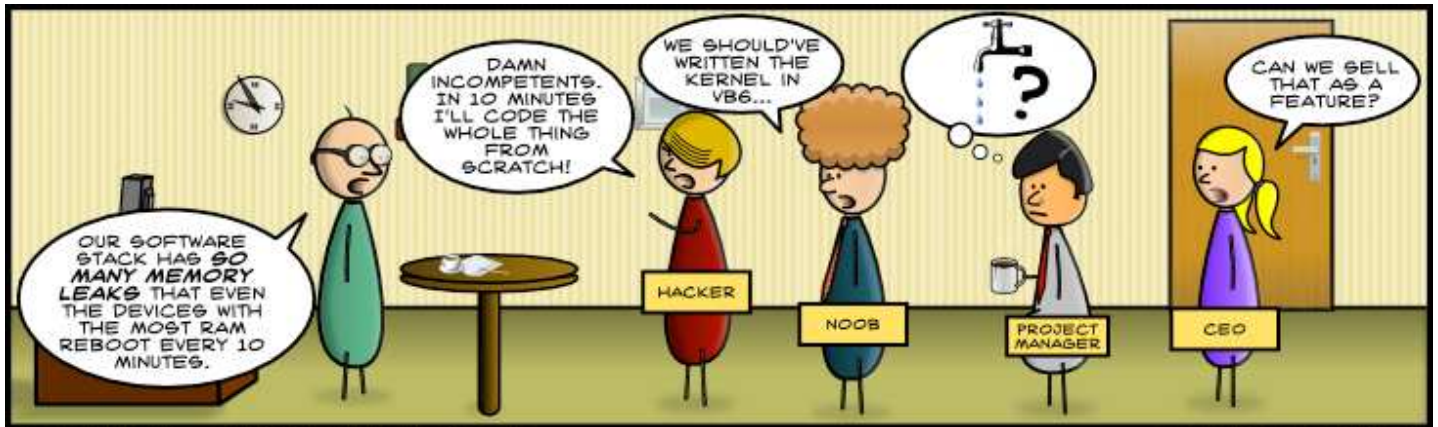
Points of View

DAMN INCOMPETENTS. IN 10 MINUTES I'LL CODE THE WHOLE THING FROM SCRATCH!

WE SHOULD'VE WRITTEN THE KERNEL IN VB6...

?

CAN WE SELL THAT AS A FEATURE?

OUR SOFTWARE STACK HAS SO MANY MEMORY LEAKS THAT EVEN THE DEVICES WITH THE MOST RAM REBOOT EVERY 10 MINUTES.

HACKER   NOOB   PROJECT MANAGER   CEO

#187 - "POINTS OF VIEW" - BY SALVATORE IOVENE, JUL. 31ST 2009

HTTP://WWW.GEEKHEROCOMIC.COM/

Mark's 11th Child
-Montana Quiring

October 29th will see the newest release from Canonical, Karmic Koala. If you haven't been keeping on top of what to expect in this Windows 7 competitor, here's the scoop.

Ubuntu One – Canonical's answer to the popular Dropbox application. Like Dropbox, you get 2Gb for free. Unlike Dropbox it's a single platform application.

Empathy IM – The pidgin has flown the coop. Long live Empathy. We'll enjoy GTalk and XMPP features with Empathy.

Touchpad – We'll see some added functionality for laptop owners. We'll be able to disable the touchpad as well as do two finger scrolling (on laptops that support it).

Audio – significant work has been put into improving the end-user's experience when working with multimedia. This includes a better chance of audio working "out of the box" and rich media player applications.

Cloud – The server edition will feature integrated Amazon EC2 software for setting up a cloud computing environment

Hal Deprecation – Just like the computer in the movie 2001, Hal is not going to be used anymore. Instead we can expect to be using "DeviceKit-power", "DeviceKit-disks" and "udev".
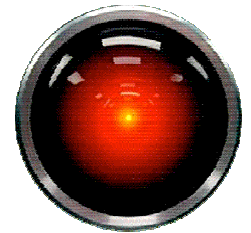
File System – Expect ext4 to be the default file system for your Ubuntu install.

Boot Loader – The default boot loader is now Grub 2

Kernel – The kernel that will ship with Karmic Koala will be 2.6.31

AppArmor – Improvements have been made to the initialization speed on boot-up and support for the 'pux' mode

Firewall – The firewall has been simplified and now has support for filtering by interface.

Applications – Add/Remove has been replaced with the Ubuntu Software Center.

Are you interested in getting together with fellow Linux enthusiasts on the Karmic release date to do an install and hang out? Email me and let me know: **montanaq@gmail.com**

Raise a Glass to Apache

ASF turns 10 this year and encourages you to raise a glass to Apache at ApacheCon this year. We will circulate a letter we received from ASF at the October 13th MUUG meeting if you want more information about how ASF is celebrating it's birthday.

Guess the MUUG Member by The Technology in Their Basement

Can you guess whose rig this is? He's been a MUUG member for years now. I'll give you a hint… he's know for his Asterisk hobby.

Want to submit a picture so we can make this a regular addition to MUUGLines? Great! Email it to **board@muug.mb.ca**

Thanks, and we look forward to your submissions.

Moblin is Movin'
-Montana Quiring

Moblin (Intel's Open Source OS) is growing from being a netbook-only OS to a mobile (handhelds) and PC OS as well.

Moblin is being managed by the Linux Foundation but is being heavily funded by Intel. I find it interesting that Intel is now competing with Microsoft in the desktop operating system market.

We shouldn't fool ourselves. Intel is out to make money. As the Atom CPU's get put into more and more devices we will probably start seeing for-purchase (and free) applications that will run on handhelds, netbooks and PC's. Should be interesting.

Sending Us E-Mail?

Due to the amount of e-mail MUUG receives, we've set up an auto-reply to give you jaunty feedback, and redirect some of the e-mail to the appropriate places. Why not look at **http://www.muug.mb.ca/about.html#contacts** first?

Share Your Thoughts

E-mail us with your comments on the newsletter, whether it's criticisms or commendations, and continue to send in articles or ideas for the same. Specifically, what sort of material you would rather see: Announcements, technical articles, new products, or…?

What Do You Think?

If you have a How-To or other idea, and aren't ready to give a presentation at MUUG, an article is a great alternative! If you can write better than the editor, that's terrific; if you can't, submit it anyway and we'll get it into shape for publication. We know that many of you have some great ideas and lots of knowledge. Why not share? Send Mail to: **editor@muug.mb.ca**.