

# From Zero to Hero –

Build your own IBM Client for Smart Work Demonstration based on Ubuntu



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### IBM Client for Smart Work

- The IBM Client for Smart Work is IBM's vision of an "open" client solution providing our customers the right client platform based on their requirements:
  - Based on open technologies
  - Open the choice for operating system Microsoft Windows, Linux or Mac OS X
  - Implementable in an open architecture ... either as desktop, laptop or a virtual client in a Cloud environment





#### Objective

- This presentation will guide you through the installation and configuration of Ubuntu Desktop Linux and Lotus collaboration software.
- If you follow these instructions, at the end you will have YOUR OWN copy of an IBM Client for Smart Work based on Ubuntu.



### Steps

- Check the prerequisites
- Install Ubuntu Linux Desktop 10.04
- Customize your Ubuntu Linux Desktop
- Lotus Notes 8.5.2
- Lotus Symphony 3
- Lotus Sametime
- Lotus Connections (Activities)
- Appendix



# Steps

# Check the prerequisites

- Install Ubuntu Linux Desktop 10.04
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#### Prerequisites – Hardware

- Desktop PC or Laptop
- Modern CPU, for example Intel Core 2 Duo
- Memory 1GB, for a better user experience at least 2GB are recommended
- Disk space > 7GB
  - -We recommend to use the entire disk to avoid re-partitioning
  - Attention: Any additional installed operating system will be erased during the installation of Ubuntu
- Working connection to the Internet to get updates and additional software
  - Connection via Ethernet recommended to avoid "chicken or egg" problem with download of proprietary drivers which might be required for some wireless cards



### Prerequisites – Ubuntu

- Ubuntu 10.04 LTS (Long Term Support)
- Choose the 32Bit version (64Bit version is not recommended)

   PAE support in Ubuntu allows access to memory larger than 3GB (details see Appendix > PAE Kernel)
- Get your FREE copy here http://www.ubuntu.com/desktop/get-ubuntu/download



#### Prerequisites – Lotus Notes

- Lotus Notes 8.5.2
  - Earlier versions of Lotus Notes like 8.5 or 8.5.1 are not recommended for installation on Ubuntu 10.04
  - Lotus Notes 8.5.2 is officially supported on Ubuntu 10.04 http://www.ibm.com/support/docview.wss?uid=swg27019218
- Trial version of Lotus Notes 8.5.2 is available here: http://www.ibm.com/developerworks/downloads/ls/lsndad/?S\_TACT=105AGX13&S\_CMP=NANDD
  - Ensure to select and download "IBM Lotus Notes Client 8.5.2 for Linux (Debian Install) English – evaluation CZJ1NEN.tar"
- Active account on a Lotus Domino server for setting up Lotus Notes



### Prerequisites – Lotus Symphony

- We recommend to use Lotus Symphony 3!
   Based on and compatible with OpenOffice 3
- You can get Lotus Symphony 3 here: http://symphony.lotus.com/
- The Ubuntu Partner repository contains the older Lotus Symphony 1.3 standalone client – currently only for Hardy/Intrepid/Jaunty/Karmic, but not for Lucid.
- By default, Lotus Notes 8.5.2 provides Lotus Symphony 1.3 as embedded client.



#### Prerequisites – Lotus Sametime

- Lotus Notes 8.5.2 includes embedded Sametime client based on Lotus Sametime 8.0.2 – no further software required
- Active account on a Lotus Sametime server
  - Alternative: You can get an account in Lotus Greenhouse which provides Lotus Sametime for demonstration purposes



### **Prerequisites – Lotus Connections**

- Lotus Notes 8.5.2 contains Activities widget which allows you to synchronize activities with Lotus Connections
- Active account in Lotus Connections Activities
  - Alternative: You can get an account in Lotus Greenhouse which provides Lotus Connections for demonstration purposes



#### Lotus Greenhouse

 Lotus Greenhouse is a live community website where you can use and demonstrate Lotus Collaboration products for free!

http://greenhouse.lotus.com

- Create account using the selfnomination form ("Join now")
- Lotus Greenhouse hosts Lotus Sametime and Lotus Connections Activities ... and many more

Lotus Greenhouse whe Lotus Greenhouse is a live com use Lotus Collaboration Products exchange ideas, collaborate with innovation and collaborative products	re Ideas come to grow munity website where you can for free! Join the community to others, and share information on passwo	Sign in or Join Now! D): crd: Login Forgot Password?
Showcase Products	Community	Inside Greenhouse
LotusLive table les you by and WEWI LotusLive Labs les you by and valuate pre-alpha innovations from LotusLive <sup>11</sup> - all designed to help you with business-driven collaboration in the cloud.	IBM Lotus and WebSphere Portal Business Solution Catalog Our new IBM Lotus and WebSphere Portal Business Solution Catalog is the definitive destination to explore, discover and implement exciting solutions on top of our portfolio. This new catalog opens up the	Users registered in Lotus Greenhouse, have full an free access to use all the products hosted in it. Currently this includes, Lotus Connections for soci networking, Lotus Quickr for team based collaboration, Sametime for instant messaging and collaboration and iNotes for Mall.
LotusLive™ is a collection of cloud- based, integrated collaboration solutions and social networking services for your business. Meet online, share files, chat, manage projects and network with potential clients - anywhere, anytime - without the worry of firewalls. Just	community of solution providers to embrace business partners (ISVs independent Software Vendors, and Indegrators), IBM, and the community at large. That broader community view brings in counciless of independent developers, college students and others who are passionate about the lastic and Wab Choke Dada tardfield and	Recent Bookmarks CHM139 Course Website BM Multimedia Library - Noles, Sametime, Quickr & Connections! BM Software Services for Lotus Connections en su Black Berry

want to leverage that portfolio to address

login to your LotusLive™ account now



# Steps

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# Install Ubuntu Linux Desktop 10.04

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# Boot the installation CD





# Let's begin ...

English	▲ Welcome
Español	You can try Ubuntu 10.04.1 LTS from this CD without
Esperanto	making any changes to your system.
Euskara	The Ulburbu 10 04 1 ITC
Français	
Gaeilge	
Galego	Ready to install? Once you answer a few questions, the
Hrvatski	contents of the live CD can be installed on this computer so
Italiano	you can run Obuntu 10.04.1 LIS at full speed without the CD.
Kurdî	Answering the questions should only take a few minutes.
Latviski	
Lietuviškai	Install Obuntu 10.04.1 LIS
Magyar	
Nederlands	
Norsk bokmål	
Norsk nynorsk	-



### Define your timezone





# Define your keyboard layout

 $\leq$ 

... in the next step you define your keyboard layout.

<ul> <li>Suggested option: USA</li> <li>Guess keymap: Guess</li> <li>Choose your own:</li> </ul>	
France	▲ Germany
Georgia	Germany - Dead acute
Ghana	Germany - Dead grave acute Germany - Dvorak
Greece	Germany - Eliminate dead keys
'ou can type into this box to test	t your new keyboard layout.



## Define the disk for Ubuntu

😣 🔿 Install				
Prepare disk space				
This computer has no operating systems on it.				
Where do you want to put Ubuntu 10.04.1 LTS?	,			
Erase and use the entire disk				1
SCSI3 (0,0,0) (sda) - 21.5 GB VMware, VM	ware Virtual S			
<ul> <li>Specify partitions manually (advanced)</li> </ul>				
Ubuntu 10.04.1 LTS				We recommend to use a PC where you can erase the entire disk. Other options are also possible,
Step 4 of 7	Quit	Back	Forward	but require more attention.



# Define your Ubuntu account

Who are you?	
What is your name?	Every system needs an
Tux Penguin 🖌	user account.
What name do you want to use to log in?	
tux 🗸	
If more than one person will use this computer, you can set up multiple accounts after	er installation.
Choose a password to keep your account safe.	
Other         Other         Strength: weak	
What is the name of this computer?	
tux-desktop 🖌	
This name will be used if you make the computer visible to others on a network.	
<ul> <li>Log in automatically</li> </ul>	
Require my password to log in	
<ul> <li>Require my password to log in and to decrypt my home folder</li> </ul>	
Step 5 of 7 Ouit Back	Forward



# We are ready for installation

r new operating system will now be ins	talled with the following settings:	
Language: English Keyboard layout: Germany Name: Tux Penguin Login name: tux Location: Europe/Berlin Migration Assistant:		
If you continue, the changes listed belo Otherwise, you will be able to make fur	w will be written to the disks. ther changes manually.	
The partition tables of the following dev SCSI3 (0,0,0) (sda)	vices are changed:	
The following partitions are going to be	formatted:	



### Grab a coffee ...





# We cannot wait any longer ...

#### Installation Complete



Installation is complete. You need to restart the computer in order to use the new installation.

Restart Now



### Cleanliness must be ...





# Let's login ...





# Welcome to your Ubuntu desktop!





### Network connection established



Further help in case of connectivity problems are available here https://help.ubuntu.com/10.04/internet/C/index.html



### Let's check for updates ...





### ... and install them ...

... who is automatically checking for available updates at startup.

#### 📀 Update Manager

#### Welcome to Ubuntu

These software updates have been issued since Ubuntu was released. If you don't want to install them now, choose "Update Manager" from the Administration Menu later.





# System changes require your authorization





# It's time for another coffee ...

Welcome to Ubuntu           These software updates have been issued since Ubuntu was released. If y don't want to install them now, choose "Update Manager" from the Administration Menu later.	rou
Downloading Package Files	
a fa       Downloading Package Files         bog       Downloading file 24 of 32         a fa       Download rate: 1999 kB/s - 3s remaining         bog       + Show for individual files	Welcome to Ubuntu           These software updates have been issued since Ubuntu was released. If you don't want to install them now, choose "Update Manager" from the Administration Menu later.
Ibb     Ibb       Ibwww-peri       Peri HTTP/WWW client/server library (Size: 391 KB)	In Original Applying Changes         b         Installing software         Please wait, this can take some time.
32 selected.     Install Up;       + Description of update     Clos	Configuring linux-image-2.6.32-24-generic + Details Close
	<ul> <li>Iborran pent Pert HTTP/WWW client/server library (Size: 391 KB)</li> <li>Download size: 49.9 MB 32 selected.</li> <li>Check Install Updates</li> <li>Description of update</li> <li>Settings</li> </ul>



# Some things might never change ...

80	00	Upda	ate Manager
		Welc These don't v Admin	ome to Ubuntu software updates have been issued since Ubuntu was released. If you vant to install them now, choose "Update Manager" from the stration Menu later.
	In	nporta	ant security updates
	bc a f	ogofilte ast Baye	sian spam filter (dummy package) (Size: 1 KB)
	bo a f	o <b>gofilte</b> ast Baye	r-bdb
	bc a f	o <b>gofilte</b> ast Baye	The computer needs to restart to finish installing updates. Please save your work before continuing.
	lik Fre	ofreety eType 2	🐼 Restart Later 🛛 🗸 Restart Now
	lik Per	<b>WWW- </b>	/WW client/server library (5ize: 391 KB)
Dow 32 se	nloa elec	nd size: ted.	49.9 MB
+ D	esc	ription o	of update
Set	ing	5	Close



### Let's install some more packages ...



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# Synaptic Package Manager

Synaptic Packag File Edit Package Settings H	<b>e Ma</b> Ielp	nager			
C 🚱 Reload Mark All Upgrade	es	Apply Properties Quick	search	Q Search	
All	S	Package	Installed Version	Latest Version	Descriptic
Amateur Radio (universe)		2vcard		0.5-3	perl scrip
Base System (universe)		3270-common		3.3.7p7-1build2	Common
Communication		3dchess		0.8.1-16	3D chess
Communication (multiverse		4g8		1.0-3	Packet Ca
Communication (universe)		6tunnel		0.11rc2-2	TCP proxy .
Cross Platform	< C				F
Cross Platform (multiverse)	No	package is selected.			
Cross Platform (universe)	=				
Sections					
Status					
Origin					
Custom Filters					
Search Results					
30195 packages listed, 1304 ins	stalled	l, 0 broken. 0 to install/upgrade,	0 to remove		



### Look for "ubuntu-restricted-extras"

🔕 交 💿 Synaptic Package	Manager		1. S "ubuntu-r	Search for estricted-extr
ile Edit Package Settings He	s Apply Properties	ick search untu-restricted-extra	Q Search	
All	S Package	Installed Version	Latest Version	Description
Amateur Radio (universe) 😑	ubuntu-restricted-extras		39	Commonly
Base System (universe)	🗌 📕 Unmark		39	Commonly
Communication	Mark for Installation		0.99.14-2ubuntu4	Transitional
Communication (multiverse	Mark for Reinstallation		39	Commonly
Communication (universe)	<ul> <li>Mark for Upgrade</li> <li>Mark for Bemoval</li> </ul>			•
Cross Platform (multiverse) Cross Platform (universe)	Mark for Complex Remov	ackages for U al	buntu	-
Sections	This package depends multiverse reposit	e commonly used pack	ages in the Ubuntu	
Status	2. Right m listed pa	ckage "ubuntu-		
Origin	Installing this pa restri support for vario	cted-extras"	yback and decoding, lugins), Microsoft for	nts,
Custom Filters	Java runtime env 3. Sel	ect "Mark for restallation"	ate compressed audi	io
Search Results	nies), and DVD play			-

4 packages listed, 1504 listalled, 0 broken. 0 to listall/upgrade, 0 to

Click the package at the beginning of the line and select "Mark for Installation" ...



# The installation of additional packages might be required

The package "ubunturestricted-extras" has some dependencies on additional packages which need to be installed as well.

i	Mark additional required changes? The chosen action also affects other packages. The following changes are required in order to proceed.	
	<ul> <li>To be installed</li> </ul>	
	ca-certificates-java	
	cabextract	
	flashplugin-installer	
	freepats	
	gstreamer0.10-ffmpeg	
	gstreamer0.10-pitfdll	
	astroomer0.10 pluging had	
	Cancel 🛛 🖉 Mark	
IBM





#### **Downloading Package Files Downloading Package Files** Downloading file 8 of 70 Download rate: 2001 kB/s - 19s remaining + Show for individual files 8 Applying Changes Installing software The marked changes are now being applied. This can take some time. Please wait. Preparing libmad0 Automatically close after the changes have been successfully applied + Details **Changes applied** X **Changes applied** Successfully applied all changes. You can close the window now. Automatically close after the changes have been successfully applied + Details Close



Install additional packages

- Repeat the steps and install the following packages:
  - -ttf-xfree86-nonfree (Required for Lotus Notes)
  - -simple-ccsm (required for advanced visual effects)

Further packages need to be installed in a similar way



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# Customize your Ubuntu Linux Desktop

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#### **Desktop Customization**





#### **Screen Resolution**





# **Screen Resolution**

😣 Monitor Preferences			
	Monitor: U	nknown	1
	⊙ On ⊝ C	Off	
	Resolution:	800 x 600 (4:3) v	
Unknown	Refresh rate:	: 60 Hz 🔻	
	Rotation:	Normal 🔻	
Same image in all monitors Deter	t monitors		
Panel icon			
	1	Apply	
		Appry Close	
Applications P	laces System 🙋 ?	t,	📃 🜒 🖂 Tue Sep 7, 1:15 AM
			Unknown
Select this option			Rotation not supported
			Configure Display Settings
and way to a con	l you get an easy access the monitor figuration tool.		

С



#### **Desktop Appearance**





# **Desktop Theme**

😣 Appearance Preferen	ces		
Theme Background Fonts	Visual Effects		
Open Open Open Open	Open ✓ ● Clearlooks	Open       ☑ ●       ☑ ●       ☑ ●       ☑ ●       ☑ ●       ☑ ●       ☑ ●       ☑ ●	E
■ ○ ○ ○ ○ Open ☑ ○	<ul> <li>↓ ↓ □ ×</li> <li>Open</li> <li>☑ ●</li> </ul>	<ul> <li>▼ □ ×</li> <li>Open</li> </ul>	v
Del Get more themes online	ete Save As	Customize Install	
Help		Clo	se



# Background



# Fonts

Appearance Pr	eferences		
Theme Background	Fonts Visual Effects		
Application font:		Sans	10
Document font:		Sans	10
Desktop font:		Sans	10
Window title font:		Sans Bold	10
Fixed width font:		Monospace	10
Rendering			
		<ul> <li>Best shapes</li> </ul>	
abcfgop A	AO <i>abcfgop</i>	abcfgop AO	abcfgop
<ul> <li>Best contrast</li> </ul>		Subpixel smoothing	g (LCDs)
abcfgop A	AO abcfgop	abcfgop AO	abcfgop
			Details
Help			Close



### Visual Desktop Effects

Appearance Preferences	
Theme Background Fonts Visual Effects	
• None: Provides a simple desktop environment without any effects.	Here you can enable visual effects for your desktop. It requires specific hardware.
• • • • • • • • • • • • • • • • • • •	
• <b>Extra:</b> Provides a more aesthetically pleasing set of effects. A faster graphics card is required.	Searching for available drivers Cancel
Help	

Fore more advanced visual effects, see Appendix "Advanced Visual Effects"



Further help on Ubuntu

Ubuntu Help – https://help.ubuntu.com/10.04



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Sile Edit View Go	e Browser Bookmarks Help				
Back V	Forward 🔻 숨 😒	C 🙍 💻 Q 10	00% <b>Q</b> Icon View	<b>v</b>	
<ul> <li>tux</li> <li>Desktop</li> <li>File System</li> <li>Network</li> <li>Floppy Drive</li> <li>Trash</li> </ul>	Desktop	Documents	Downloads		
<ul> <li>Documents</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> <li>Downloads</li> </ul>	Music Templates	Pictures Videos	Public vmware-tools- distrib	You have do	wnloaded the
	Examples	lotus_notes852_ linuxUb_en.tar			package for otes 8.5.2
	11 items, Free space:	14.1 GB			





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<mark>⊗                                    </mark>				
Back V Po	orward 🔻 摿 区 🧲	🙍 💻 🔍	100% 🍳 Icon View	• 9
Places 🔻 🗱	■ tux			
<ul> <li>tux</li> <li>Desktop</li> <li>File System</li> <li>Network</li> <li>Floppy Drive</li> <li>Track</li> </ul>	Desktop	This i install	is the extracted lation package.	
<ul> <li>Irash</li> <li>Documents</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> <li>Downloads</li> </ul>	lotus_notes852_ linuxUb_en	Music Templates	Pictures	
	vmware-tools- distrib	Examples	lotus_notes852_ linuxUb_en.tar	





Double click ...



The Package Installer gets started. Click "Install Package".









🔞 gdebi-gtk					
Installing ibn	n-lotus-samet	ime	_	-	Repeat the steps for the packages: • ibm-lotus-sametime-8.5.2.i586.deb • ibm-lotus-symphony-8.5.2.i586.deb
Installing 'ibm-lot + Terminal	<u>us-sametime-8.5.2</u>	2.i586.deb'			<ul> <li>Ibm-lotus-activities-8.5.2.i586.deb</li> <li>ibm-lotus-cae-8.5.2.i586.deb</li> <li>ibm lotus feedreader 8.5.2 i586.deb</li> </ul>
Automatically	Installing ibr	m-lotus-symp	hony		· Ibini-iotus-ieeureauer-o.3.2.1300.deb
	Installing 'ibm-lo	tus-symphony-8.5	5.2.i586.deb'		
	+ Terminal	😣 gdebi-gtk			
	Automatican	Installing ib	m-lotus-act	vities	
		Installing 'ibm-lo	otus-activities-8.	5.2.i586.deb'	
		Automatical	Installing il	om-lotus-cae	
			Installing libm-	lotus-cae-8 5 2 i586 deb	
	l		+ Terminal	gdebi-gtk	
			Automatica	Installing ibm-lo	tus-feedreader
				Installing 'ibm-lotus-fe	edreader-8.5.2.i586.deb'
				+ Terminal	e after the changes have been successfully applied
				a nationatically close	Close















⊗ IBM Lotus Notes	8.5.2 Client Configuration		Provide your personal Domino account settings
Lotus Notes 8 5	This configuration program will help you B IBM Lotus Notes 8.5.2 Use B IBM Lot	Client Configuration	on es 8.5.2 Client Configuration
3	Lotus. Domino Lotus. Domino	o 8.5	Additional Services         Please select the services you would like to configure:         Internet mail servers (POP or IMAP, SMTP)         Newsgroup server (NNTP)         Directory server (LDAP)         Connection type:         Internet Proxy servers
	0	0	<ul> <li><u>Replication settings for sending and receiving mail</u></li> <li><u>Previous</u></li> <li><u>Next</u></li> <li><u>Finish</u></li> </ul>



😣 📀 🔗 Home - IBM Lotus Notes	
File Edit View Create Actions Text Tools Window H	lelp
Open 🦆 🕕 🚷 Home 🗙 🙍 Maik Weber - Mail 🗙	
IX 9 🗈 🖻 🗙 - 🔒 😂 🦳	🔻 🛛 🗧 🕹 Search All Mail
Click here for Hon	ne Page options 🔻
Lotus Notes 8.5 Home	
Mail	A Documents New
Calendar New	Presentations New
Contacts	Spreadsheets New
To Do New	Notebook New
Notes configuration settings have been refreshed	▲ ~ 《A Online ▲



## • File > Preferences > Basic Notes Client Configuration > Default Fonts

Accounts Basic Notes Client C Calendar and To Do Composite Applicati Connections Contacts Eade	Startup and shut down Empty trash on application close (if not emptied at a timed interval): Always Ask AutoSave every 15 minutes Default For	Local application folder: /home/tux/lotus/notes/data Check subscriptions Scan for unread pents	Here you can adapt the defau fonts used by Lotus Notes.
Feeus Fonts and Colors Home Portal Accoun IBM Lotus Symphony Install/Update Live Text Locations Log Settings Mail Notes Ports Regional Settings Replication and Sync Sametime Search	Display Default <u>Fonts</u> Default <u>Fonts</u> Additional options Use Accessibility ✓ Enable persisten ✓ Enable Icon Popi Expand Names fi Start Print Previei Use Notes (not W Disable type-ahe ✓ Compress images pasted into document Do not prompt when marking all document Do not prompt when exiting from your cli Do not prompt when closing a document	ont Sents read or unread ent with edited attachments	



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Double click ...



😣 📀 🔗 🛛 Package Installer - symphony	
File Help	
Package: symphony	Install Package
Status: All dependencies are satisfied	
Description Details Included files	
IBM Lotus Symphony	
IBM Lotus Symphony provides three powerful editors create, manage, and edit documents in Open Docume Symphony Documents, Lotus Symphony Presentation Spreadsheets. With Lotus Symphony Documents, you simple or highly structured documents, graphics, tab Lotus Symphony Spreadsheets, you can perform stal spreadsheet functions to calculate, analyze, and ma Lotus Symphony Presentations, you can create and e shows that include charts, drawing objects, and text. edit, and export Oo 1.1 files and Microsoft(R) Office f	by which you can ent Format(ODF): Lotus , Lotus Symphony can create and edit gdebi-gtk Installing symphony Installing 'symphony_3.0-1hardy1_i386.deb' + Terminal Automatically close after the changes have been successfully applied
	Close











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#### **Lotus Sametime**





# **Lotus Sametime**

😣 Log In to	Sametime	Provide your personal Sametime account settings  OR
Lotus. Sam	etime. 8.0.2	Use your account at Lotus Greenhouse with the Sametime server "sametime.lotus.com"
Host server:	sametime.lotus.com	
User name:	your userid	
Password:	*****	
	Remember password	
	Automatically log in	
	Work online O Work offline	
Log in status:	Available 🔻	
Status messag	e: I am available 🔹	
L	og In Connectivity Cance	el

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## **Lotus Sametime**





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# Lotus Connections (Activities)

#### Start Lotus Notes

😣 🛇 🔗 Home - IBM Lotus Notes	
File <u>E</u> dit View <u>C</u> reate <u>A</u> ctions <u>T</u> ext Tools Window Help	
Open 🕂 🕒 🚰 Home 🗙 🎑 Maik Weber - Mail 🕺	
※ 凸 企 🗟 🎦 • 🖥 😂 🚺 🐨 🔽 🔽 🔽 🔽 🔽 🐨 🐨 🔍	
Click here for Home Page options	Budy-At-A-Glance -
included in Lotus Notes, so you	
Lotus Notes 8.5 Home have to start Lotus Notes at first if not already running.	No server configured <b>v</b>
	💠 🔿 🏠 🗸 🎯 New
Mail New A Documents New	Same Type to find tags
	No Activities Service
Click the Activities icon in the right panel, then click "Show	A server must be configured in the Connections preferences to access Activities
Connections preferences"	Show Connections preferences
	🗝 🔏 Online 🔺

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## Lotus Connections (Activities)



Preferences

Regional Settings
 Replication and Sync

---

+ Sametime+ Search

type filter text

Connections Se	rver Settings 🗇 🗸 🗸 🗸	
Connections Ser	ver Settings	
Server URL:	https://greenhouse.lotus.com	
User name:	your userid	
User password:	****	
	Advanced	
	Restore Defaults Apply	
	OK Cancel	
	© 2010 IBM Corporation	



# Lotus Connections (Activities)

ile View Tools Window Help		
Open 🤳 📵 🚮 Home 🗙 🐚 Maik Weber - M	ail X	
※ 모 🗈 🖻 1 - 🔒 😔 📃	<b>V</b>	🗧 🛛 💽 🔹 Search All Mail
Click here for Ho	me Page options 🔻	Sametime Contacts
		Feeds TE
Lotus Notes 8.5 Hom	Lotus Notes 8.5 Home You have successfully logged-	
	Activities TE	
		ি <sup>৫</sup> a on Greenhouse ▼
	Documents	(⇒ 🖓 🖉 🤔 New
Calendar New	Presentations	N S Type to find tags
		New to Activities?
Contacts New	Spreadsheets	Activities provides a place where you can organize,
To Do New	Notebook	share, and reuse work, even if that work involves several types of tools.
		Start here:
Shortcuts: Press Control + S	nift + L to get a list of all shortcuts	Click New in the activities toolbar to get started.
		What can you do
		• 🥪 🔏 Online •



# **Congratulations!**



Your OWN copy of IBM Client for Smart Work!



# **Further Links**

- IBM Client for Smart Work http://www-01.ibm.com/software/lotus/openclient/
- IBM open collaboration client solution: An overview http://www.ibm.com/developerworks/lotus/library/occs-overview/
- IBM Client for Smart Work and Ubuntu http://www.ubuntu.com/partners/ibm
- Canonical offers dedicated support program for Lotus Symphony http://www.ubuntu.com/news/lotus-symphony-dedicated-support
- IBM Client for Smart Work Announcement http://www-03.ibm.com/press/us/en/pressrelease/29205.wss
- Documentation and Help for Ubuntu 10.04 LTS https://help.ubuntu.com/10.04/index.html



# Steps

- Check the prerequisites
- Install Ubuntu Linux Desktop 10.04
- Customize your Ubuntu Linux Desktop
- Lotus Notes 8.5.2
- Lotus Symphony 3
- Lotus Sametime
- Lotus Connections (Activities)
- Appendix



- Proprietary Hardware Drivers
- PAE Kernel
- Advanced Visual Effects



# Proprietary Hardware Drivers

- PAE Kernel
- Advanced Visual Effects



#### **Proprietary Hardware Drivers**

- For some hardware it might be recommended or required to use the proprietary drivers
  - Recommended: AMD ATI or Nvidia graphic card better 3D performance compared to Open Source drivers
  - Required: For some wireless cards
- Ubuntu offers the installation of proprietary hardware drivers if any available for your system



#### Hardware Drivers







Proprietary Hardware Drivers

# PAE Kernel

Advanced Visual Effects



### **PAE Kernel**

- If your system has more than 3GB memory installed, you might be interested in using the PAE kernel.
- PAE means Physical Address Extension, for more details have a look at http://en.wikipedia.org/wiki/Physical\_Address\_Extension
- Check at first, if you are running the "generic" kernel ... or already the PAE enabled kernel.



#### **Open a terminal**



IBM





#### Install PAE Kernel 1. In Synaptic Package Manager, search for "linux-generic-pae" Synaptic Package Manager File Edit Package Settings Help Ouick search linux-generic-pae Mark All Upgrades Reload Apply Properties Search All Package Descriptic \* Installed Version Latest Version S Amateur Radio (universe) 🗌 🧿 linux-generic-pae 2.6.32.24.25 Complete Base System (universe) 2.6.32.24.25 Backport Communication 2.6.32-24.17 compat-v Mark for Installation Communication (multiverse 2.6.32-23.16 compat-v Mark for Reinstallation Communication (universe) Cross Platform Mark for Up( ade Mark additional required changes? Cross Platform (multiverse) Mark for Rer e 1 Cross Platform (universe) The chosen action also affects other packages. Mark for Co e Removal The following changes are required in order to < ( III ) proceed. This package w is depend on the latest cor Sections available. To be installed Status linux-image-2.6.32-24-generic-pae 2. Right mouse-click on Canonica package "linux-generic-pae" linux-image-generic-pae Origin 3. Select "Mark for Installation" Custom Filters Search Results 26 packages listed, 1375 installed, 0 broken, 0 to install/upgrade, 0 to remove 4. Additional packages are required for installation. Mark lase After installation of the new kernel $\rightarrow$ Reboot



#### Check again ...





- Proprietary Hardware Drivers
- PAE Kernel
- Advanced Visual Effects



#### Information

- To use more advanced visual effects, it might be required to use the proprietary hardware driver for your graphic card, if available. More details see appendix "Proprietary Hardware Drivers"
- If your system contains a Nvidia graphic card, the usage of the proprietary hardware driver is recommended instead of the Open Source driver "nouveau"
- Package "simple-ccsm" is required for configuration of more advanced visual effects



### Start Synaptic Package Manager









# Install "simple-ccsm"

<mark>⊗⊙⊙</mark> Synaptic Package Manager File Edit Package Settings Help			
C C C C C C C C C C C C C C C C C C C	Quick search simple-ccsm	Search	
All S Package Amateur Radio (universe) Base System (universe)	Installed Version	Latest Version 0.8.2-0ubuntu1	Description Simple Corr
Apply the following changes? This is your last opportunity to look through the list of marked changes before they are applied. To be installed compizconfig-settings-manager python-compizconfig simple-ccsm	Applying Char     Installing softw The marked changes take some time. Ple Running post-installa	nges vare s are now being applied. This ase wait. ation trigger python-central	a can
Summary       Show Details         3 new packages will be installed       4964 kB of extra space will be used         4964 kB of extra space will be used       728 kB have to be downloaded         Download package files only       Cancel	<ul> <li>Automatically close</li> <li>+ Details</li> </ul>	Changes applied Changes applied Changes applied Successfully ap changes. You ca window now.	oplied an close the after the changes have

Close



Open the "Appearance" configuration tool ...

# Configure "Advanced Visual Effects"





# Configure "Advanced Visual Effects"



Click "Preferences"

# Configure "Advanced Visual Effects"

This is an example, how to configure the famous "Desktop Cube"

😣 📀 📀 Simple CompizConfig Settings Mana	ager
Profile: Default	▼ 🗸
Info Animations Effects Desktop Accessibility	Edges
Appearance	
Desktop Cube	•
Desktop columns	4
Desktop rows	-1
Desktop preview	
Help	lose



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