

GARNOME :: Building your own GNOME Desktop Environment

By: *Toufeeq Hussain*

What is GNOME ?

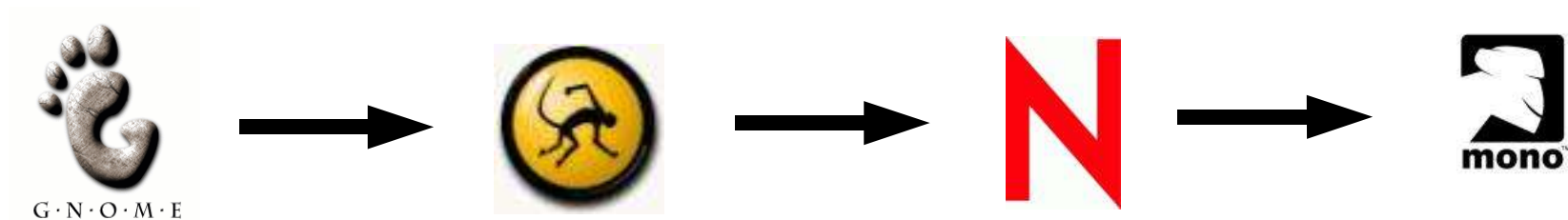
GNU Network Object Model Environment

- Free Software, part of GNU
- Developer Friendly , C , C++, Perl, Python ...
- Fully Community Driven
- Follows Human Interface Guidelines

History of GNOME



Miguel and Nat



Who uses GNOME ?

- SUN Microsystems – JDS
- IBM / HP
- Novell -- SUSE and NLD
- Wipro
- and Me

GARNOME

The GNOME Build System

Authors : Jeff Waugh and Nick Moffitt
Maintainer : Paul Drain
Others : Bob Kashnani

Why should I use Garnome ?

- Play with Bleeding Edge Toys
- Latest Versions
- Optimizations
- Full Control
- Developers Distributions

README !

gar.conf.mk

The Garnome Makefile

CCACHE – Compiler Cache

<http://freshmeat.net/projects/ccache>

CCACHE – Compiler Cache

Building Perl

<u>Environment</u>	<u>Time</u>
gcc (first run)	8m02.273s
gcc (recompile)	3m30.051s
ccache+gcc (first run)	8m54.714s
ccache+gcc (recompile)	0m45.455s
ccache+distcc+gcc -j4	4m14.546s
ccache+distcc+gcc -j4 (recompile)	0m38.985s
ccache+distcc+gcc -j8	3m13.020s
ccache+distcc+gcc -j8 (recompile)	0m34.380s

Parts of Garnome

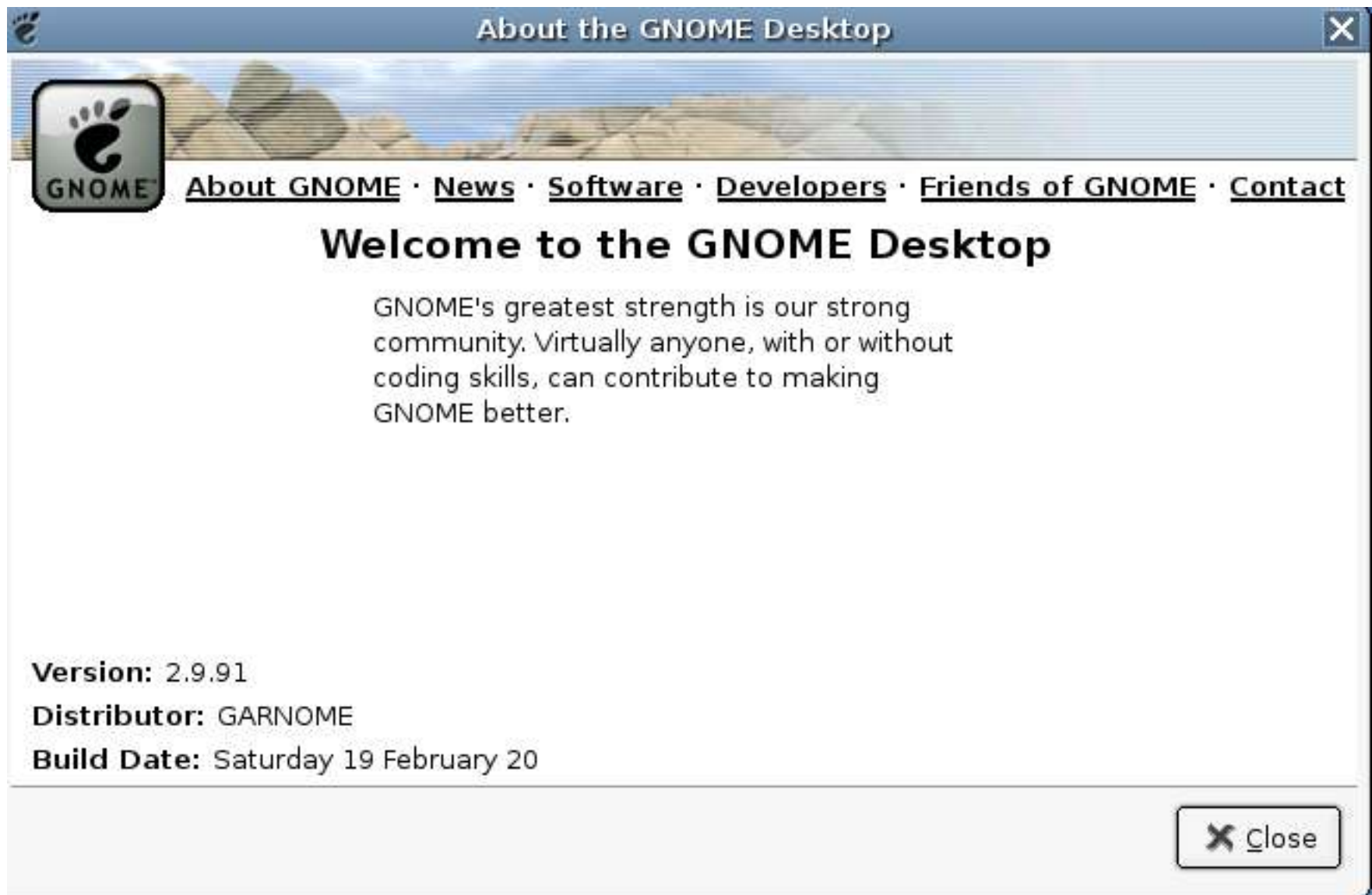
- desktop
- bindings
- bootstrap
- office
- platform
- geektoys
- hacker tools
- mono
- fifth-toe
- broken

Go Paranoid !!

make paranoid-install

..... and keep your fingers crossed

If all went well



THANK YOU

?

Questions