Basic knowledge and tools
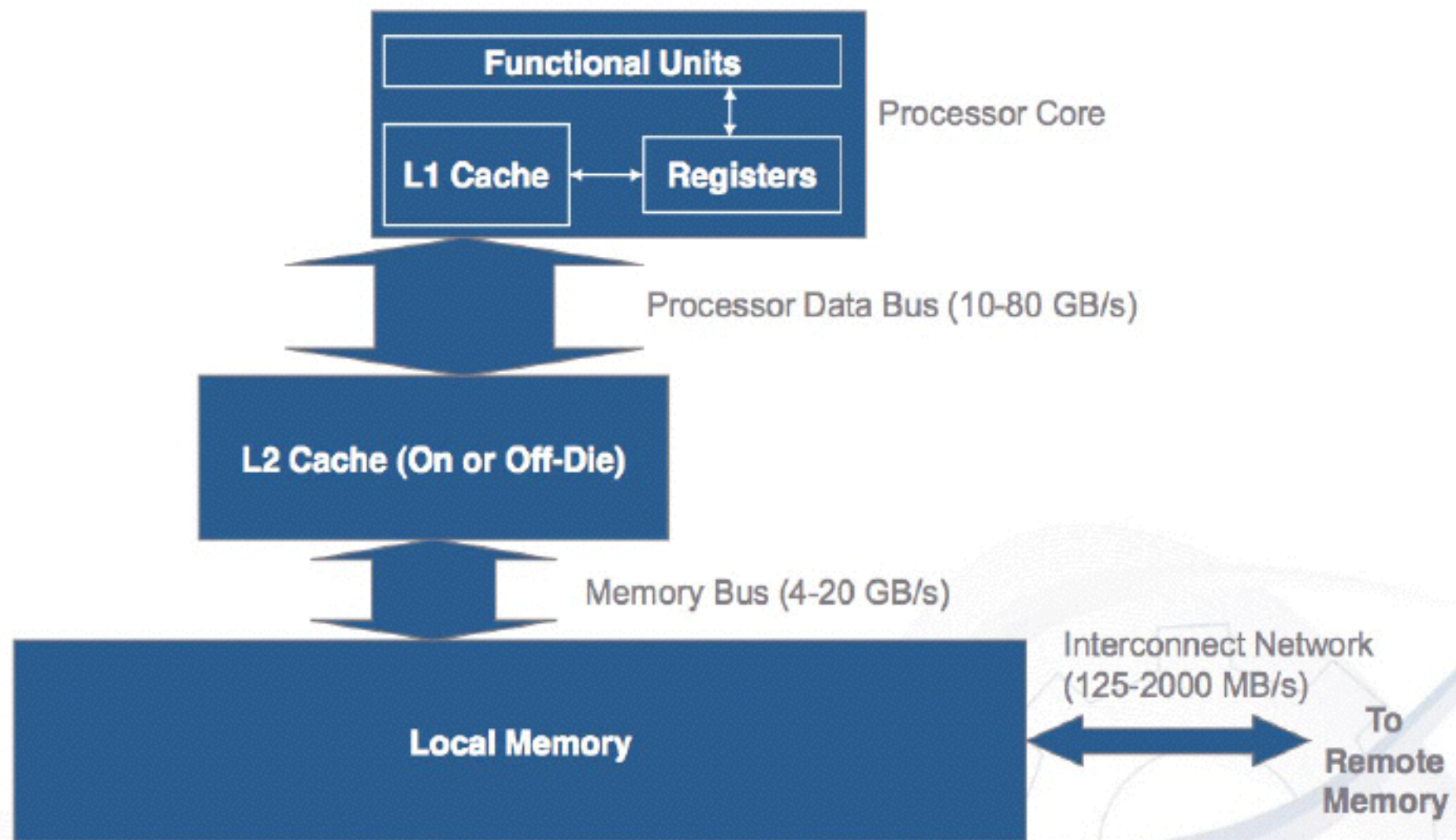
William Oquendo, woquendo@gmail.com

Credits: Computational Physics - Landau and Paez, Wikipedia
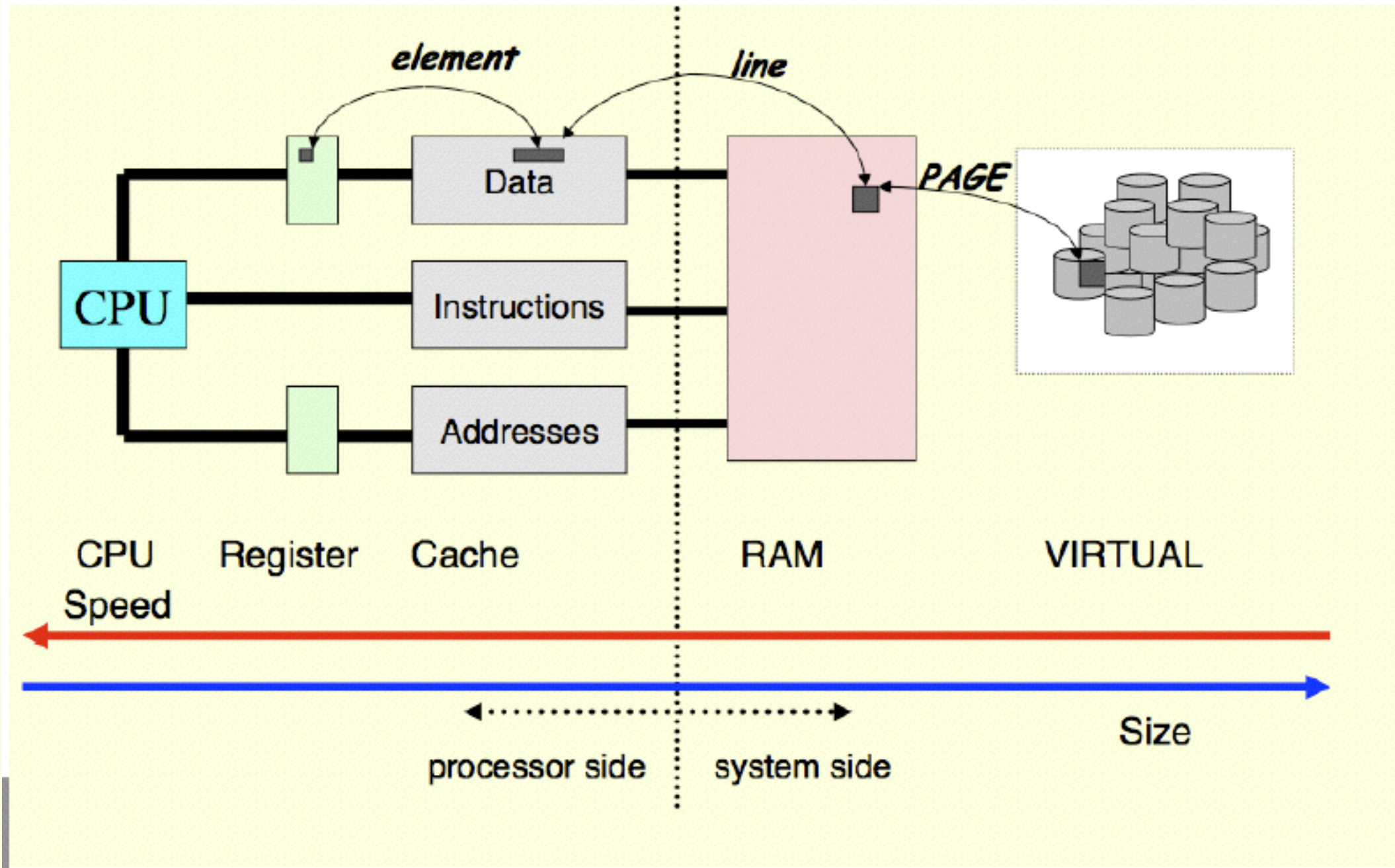
Computer architecture

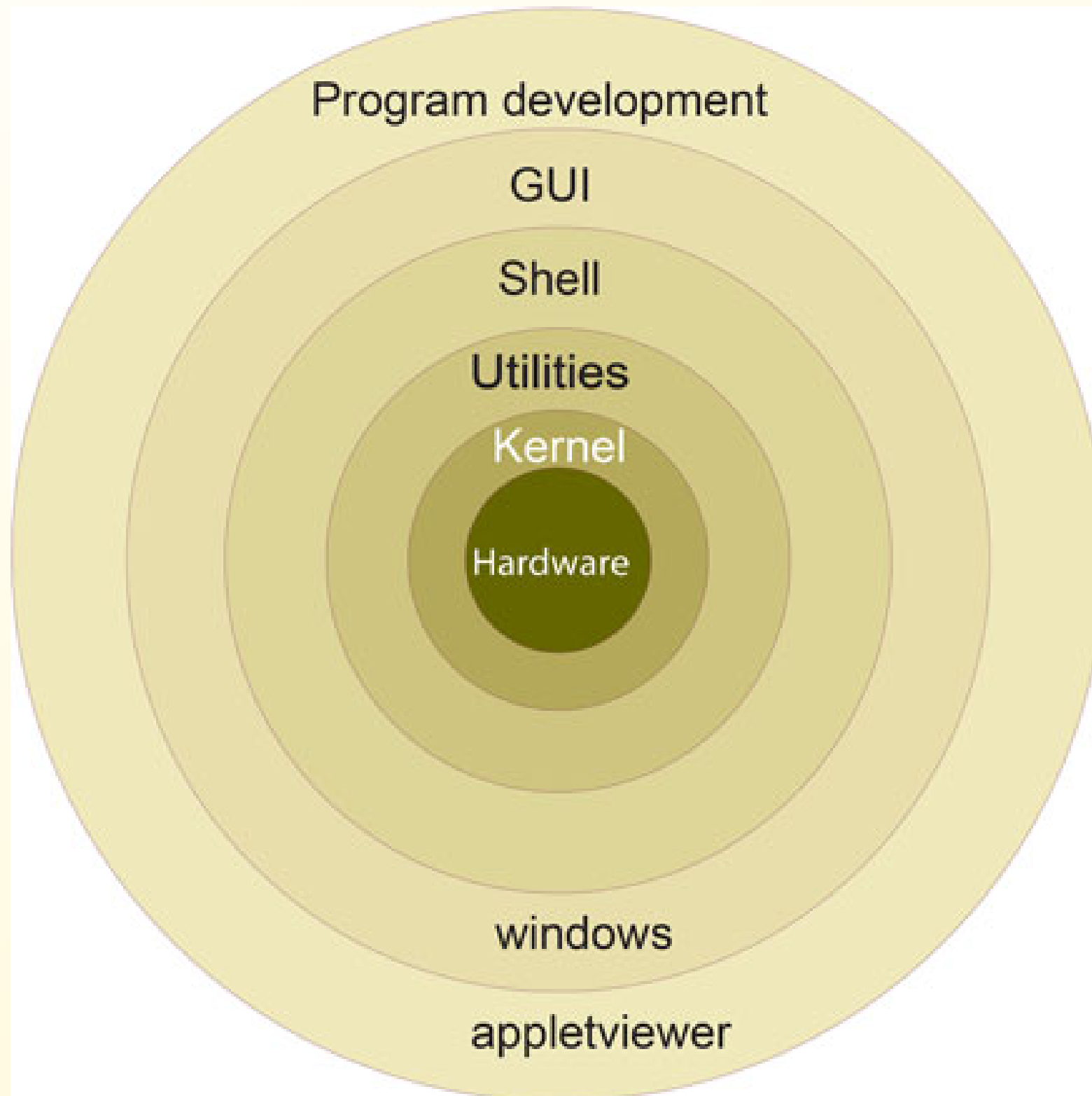# Computer architecture

Computer architecture

Programming Languages

Programming Languages

Interpreted

In computer programming an interpreted language is a programming language whose programs are translated to machine code at the time of execution

Compiled

A compiled language is a programming language whose implementations are typically compilers (translators which generate machine code from source code), and not interpreters (step-by-step executors of source code, where no translation takes place).

Programming Languages

Interpreted   *Compiled*

python™

C/C++

perl

ADA

JavaScript

Fortran

Operating System

www.slackware.com   www.slackbook.org

The Slackware Linux Project

slackware
l i n u x

News

Security Advisories

FAQ

Book

General Info

Get Slack

Install Help

Configuration

Packages

ChangeLogs

Propaganda

Ports

Other Sites

Support

Contact

Slackware 14.2 is released!

2016-07-01

After a long development cycle (including many betas and release candidates to get everything just exactly perfect) we're pleased to announce the availability of the new stable release. You'll find updates throughout the system, with the latest development tools and recent versions of applications, window managers, desktop environments, and utilities. The Linux kernel is updated to version 4.4.14 (part of the 4.4.x kernel series that will be getting long-term support from the kernel developers). We've brought together the best of these and other modern components and worked our magic on them. If you've used Slackware before, you'll find the system feels like home.

For additional information, see the **official announcement** and the **release notes**. For a complete list of included packages, see **the package list**.
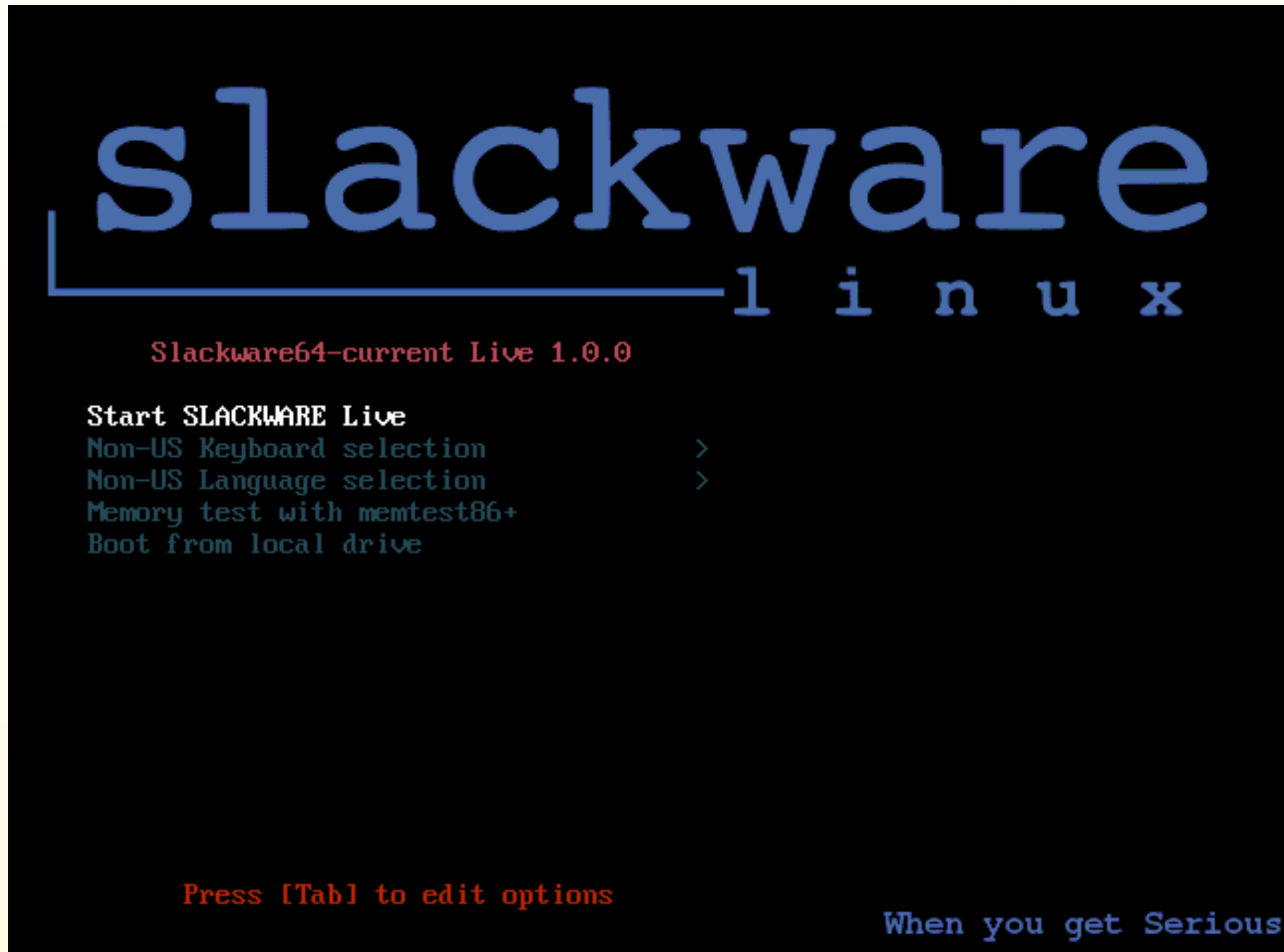
Build scripts for all kinds of additional software for Slackware 14.2 can be found on the **slackbuilds.org** website.

Want to give Slackware 14.2 a test drive without modifying your disk drive? Then check out Slackware Live Edition! This is a complete Slackware installation that can run from a CD, DVD, or USB stick. Thanks to Eric Hameleers for the great work on this! Here's where to find it: **http://bear.alienbase.nl/mirrors/slackware/slackware-live/**

Need help? Check out our documentation site, **docs.slackware.com**. Stop by and share your knowledge!

Please consider supporting the Slackware project by picking up a copy of the Slackware 14.2 release from the **Slackware Store**. The discs are off to replication, but we're accepting pre-orders for the official 6 CD set and the DVD. The CD set is the 32-bit x86 release, while the DVD is a dual-sided disc with the 32-bit x86 release
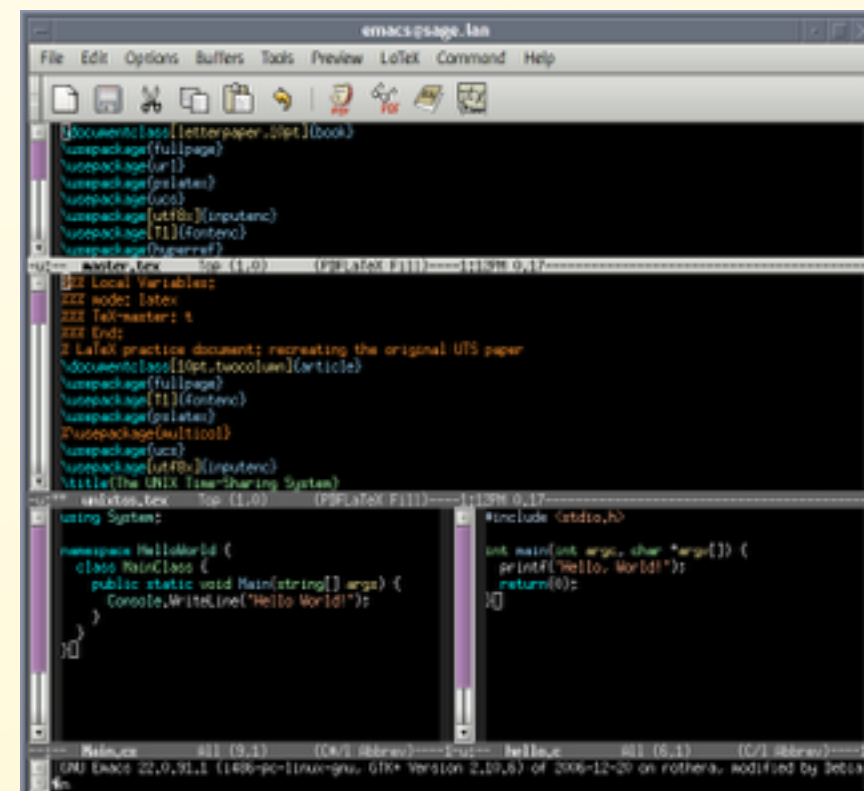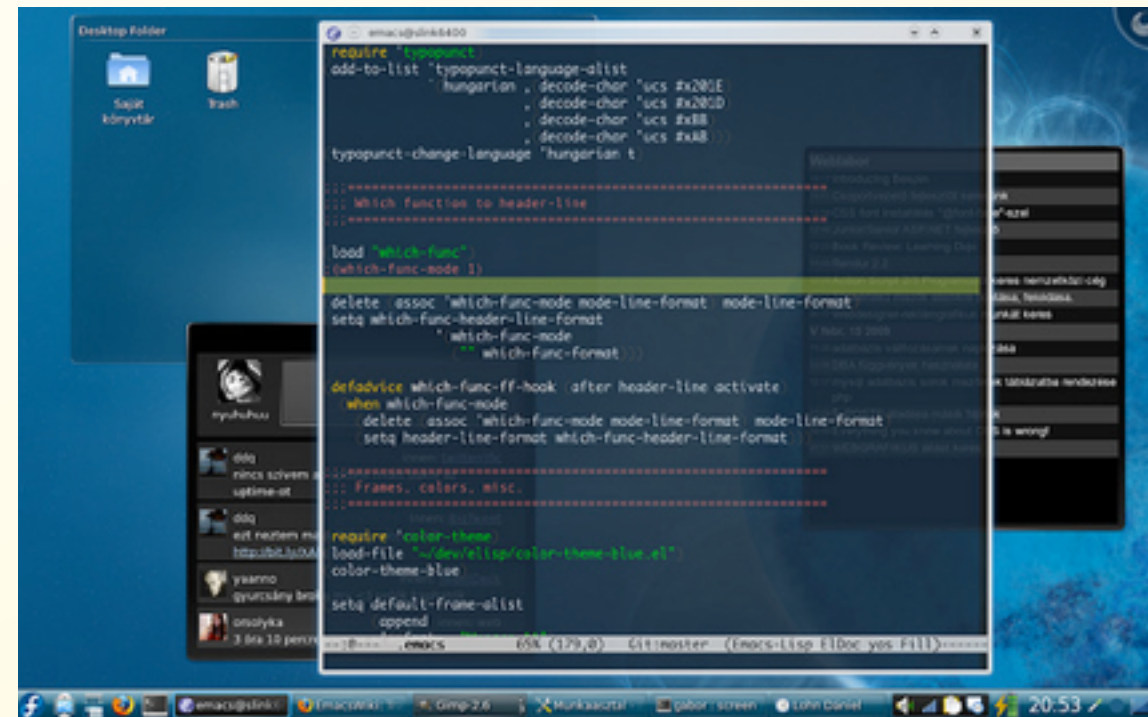
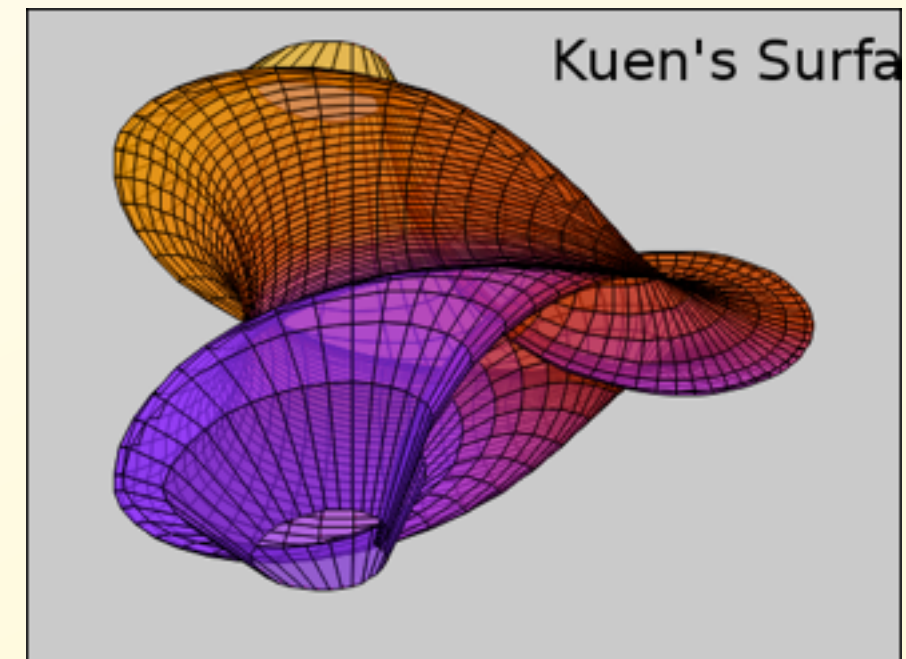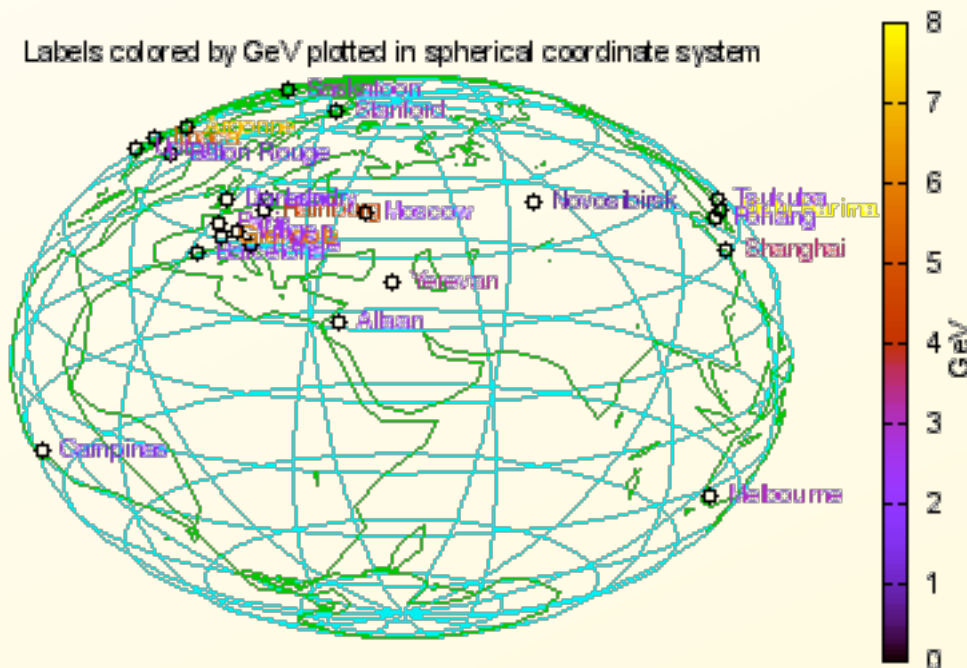# Live usb

Otros:
knoppix, quantian

Basic Tools: Emacs

http://www.gnu.org/software/emacs/

Basic Tools: Gnuplot
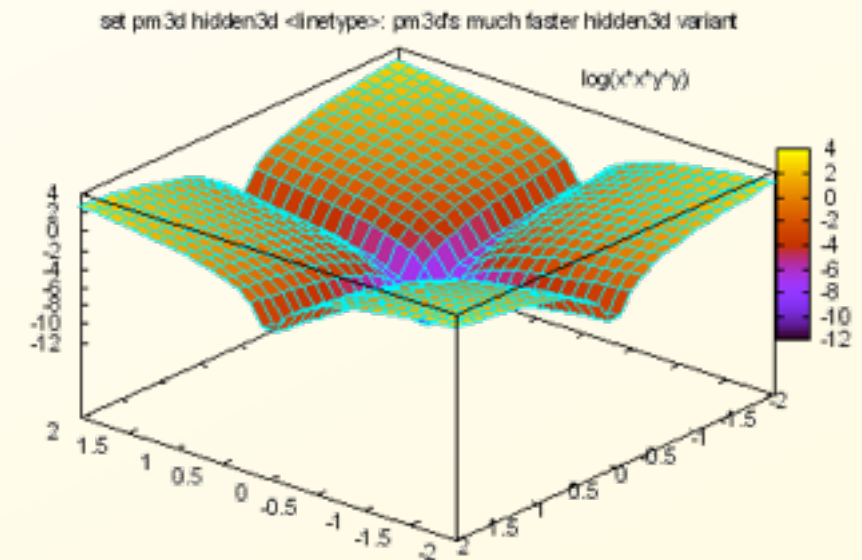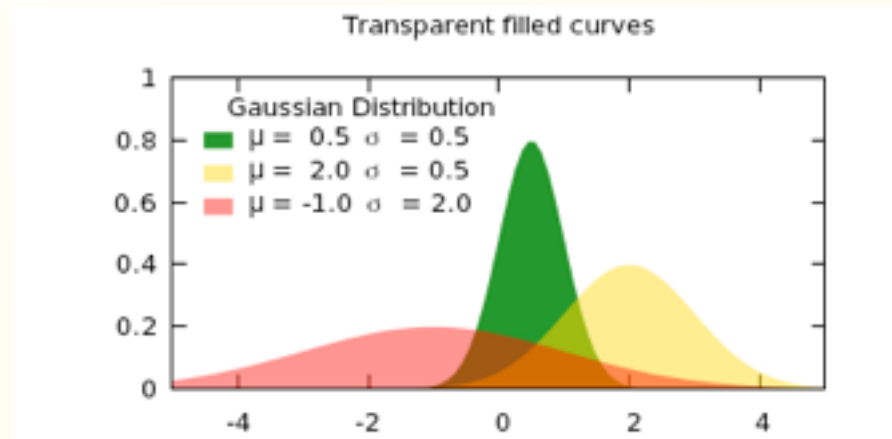

http://www.gnuplot.info/   http://t16web.lanl.gov/Kawano/gnuplot/index-e.html

Bibliography

- www.cplusplus.com/doc/tutorial

- www.google.com

- www.wikipedia.com

- Deitel and Deitel, How to Program in C++

- Landau y Paez, Computational Physics

- Stroupsup, Prata, … (Ver Syllabus)