

Org-mode

Nick Higham

April 22, 2013

What is Org Mode?

Emacs mode for

- note taking
 - task management
 - tables and spreadsheets
 - producing \LaTeX documents and web pages
 - literate programming
 - reproducible research
- 1 An org file is plain text.
 - 2 Org files can be exported to many other formats.
 - 3 Org mode is included in Emacs distribution

History

- Written by Carsten Dominik in 2003 as improvement to Emacs outline mode.
- Many other contributors.
- Latest version is 8.0 (April 2013).

Quote

The enjoyment of one's tools is an essential ingredient of successful work.

—Donald E. Knuth

The Art of Computer Programming

A more complex slide

This slide illustrates the use of Beamer blocks. The following text, with its own headline, is displayed in a block:

Theorem (Org mode increases productivity)

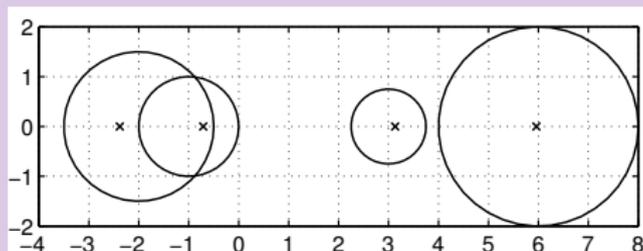
- *Org mode means not having to remember \LaTeX commands.*
- *It is based on ascii text which is inherently portable.*
- *Emacs!*



Two columns

- this slide consists of two columns
- the first (left) column has no heading and consists of text
- the second (right) column has an image and is enclosed in an **example** block

Gershgorin Discs



SCIENTIFIC PROGRAMMING

Editors: Konstantin Läufer, lauffer@cs.luc.edu
Konrad Hinsén, hinsen@cns-orleans.fr



ACTIVE DOCUMENTS WITH ORG-MODE

By Eric Schulte and Dan Davison

Org-mode is a simple, plain-text markup language for hierarchical documents that allows the intermingling of data, code, and prose.



Journal of Statistical Software

January 2012, Volume 46, Issue 3.

<http://www.jstatsoft.org/>

A Multi-Language Computing Environment for Literate Programming and Reproducible Research

Eric Schulte

University of New Mexico

Dan Davison

Counsyl

Thomas Dye

University of Hawai'i

Carsten Dominik

University of Amsterdam