

Comp 100

Lecture Notes

Chapter 4

- Software – set of instructions
- Application Software – reviews www.appscout.com
 - Productivity
 - MS Office
 - Open Office openoffice.org
 - abiword.com
 - Media
 - Home/Entertainment
 - Business Financial Operations
 - Accounts Payable
 - Accounts Receivable
 - General Ledger
 - Inventory
 - Payroll
 - Business Management
 - Human Resources
 - Project Management
 - Enterprise Resource Management
 - Geographical Information Systems
 - Vertical Market Software
 - ✓ Construction
 - ✓ Education
 - ✓ Hospitality Industry
 - Hotels
 - Restaurants
 - CAD/CAM
- System Software
 - Operating Systems
 - Browsers
 - Virus Protection
 - Backup & Recovery
 - Utility Software
- Open Source Software
- Proprietary Software
- File Formats .docx, .doc, .xls, .xlsx, etc
- Wizard
- Template
- Macro
- Speech Recognition Software Japanese vs English
 - Dragon Naturally Speaking www.nuance.com

Traditional Software

- software installed on individual systems

Web-Based Software

- software delivered as needed via the web
 - ✓ docs.google.com
 - ✓ www.zoho.com
 - ✓ www.thinkfree.com
 - ✓ www.turbotax.com

Word Processing Software

Spreadsheet Software

- Text
- Numerical data
- Formulas
- Functions

Presentation Software

Database Software

- Text
- Alphanumerical Data
- Numerical Data
- Sorting
- Extraction

Note Taking Software

- MS OneNote 2010

Personal Information Manager Software

- www.chandlerproject.org
- MS Outlook
- www.toodledo.com

Desktop Publishing

- MS Publisher
- Adobe InDesign

Web Authoring

- Adobe Dreamweaver

- **Personal Financial Software**
 - Tax
 - Financial Planning
 - Checkbook

- **Digital Image Editing Software**
 - Adobe Photoshop
 - Coral PaintShop
 - www.gimpshop.com

- **Digital Image Presentation Software**
 - www.photosynth.net
 - MS Photo Story
 - Google Picasa www.picasa.google.com

- **Digital Audio Software**
 - www.audible.com
 - MP3, i.e., **MPEG-1 Audio Layer 3** w/o audio compression CD raw 10-15 songs
w/ audio compression CD MP3 format 100-180 songs
 - Digital Audio Formats WAV (Waveform Audio), WMA (Windows Media Audio), and
AIFF (Audio Interchange File Format)

Features

- MP3 Recording – streaming audio
- CD Ripping – extract audio from CDs & encode it in MP3 format
- CD Burning – create CDs from MP3 collections

- **Digital Video Editing Software**
 - video compression
 - MPEG-1, MPEG-2, MPEG-3, **MPEG-4**
 - FLV, VCD, SVCD, DVD, etc

- **Media Management Software**
 - Windows Media Player
 - Apple iTunes

- **Gaming Software**

- **Educational Software**
 - MyltLab – simulation of MS Office
 - Moodle
 - Portal/Solar System

Software Licenses

- **End User License Agreement**
 - **Usage agreement**
 - **Warranties Available**
 - **Number of Installations**
- **License Types**
 - **Proprietary – purchase software license**
 - **Open Source – free software license – copyleft -- modify & redistribute as free software**
 - **Freeware – copyrighted software – free for use**
 - **Shareware – free for use for a limited amount of time**
- **Software Versions**
- **System Requirements**
- **Install/Uninstall**