



- “Things turn out best for the people who make the best of the way things turn out.”

John Wooden, UCLA
basketball coach

Application Software

- Designed to perform specific tasks
- Programs to make people more productive

USES:

- Productivity/Business
- Graphic Design/Multimedia
- Home/Personal/Educational
- Communications

- Computer-aided design
- Reference
- Word Processing
- Video/Audio Editing
- Tax Preparation
- FTP
- Accounting
- Web Page Authoring
- Presentation Graphics
- Desktop Publishing
- Video Conferencing
- Legal
- Database
- Multimedia Authoring
- Antivirus
- Note Taking
- Personal Finance
- Chat Room
- Clip Art
- Instant Messaging
- Project management
- Spreadsheet
- Web Browser
- Paint/Image Editing
- Home Design
- Educational
- Entertainment
- E-Mail
- File Compression
- Newsgroup/Message Board
- Internet Filters
- CD/DVD Burning

Application Software

Business	Graphics and Multimedia	Home/Personal/Educational
<ul style="list-style-type: none"> • Word Processing • Spreadsheet • Database • Presentation • Note Taking • Personal Information Manager (PIM) • Business Software for Phones • Business Software Suite • Project Management • Accounting • Document Management • Enterprise Computing 	<ul style="list-style-type: none"> • Computer-Aided Design (CAD) • Desktop Publishing (for the Professional) • Paint/Image Editing (for the Professional) • Photo Editing (for the Professional) • Video and Audio Editing (for the Professional) • Multimedia Authoring • Web Page Authoring 	<ul style="list-style-type: none"> • Software Suite (for Personal Use) • Personal Finance • Legal • Tax Preparation • Desktop Publishing (for Personal Use) • Paint/Image Editing (for Personal Use) • Photo Editing and Photo Management (for Personal Use) • Clip Art/Image Gallery • Video and Audio Editing (for Personal Use) • Home Design/Landscaping • Travel and Mapping • Reference and Educational • Entertainment
Communications		
<ul style="list-style-type: none"> • Web Browser • RSS Aggregator 	<ul style="list-style-type: none"> • E-Mail • Blogging 	<ul style="list-style-type: none"> • Instant Messaging • Newsgroup/Message Board • Chat Room • FTP • Text, Picture, Video Messaging • VoIP • Video Conferencing

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Figure 3-1

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• How is software distributed?

- **Packaged software**, mass-produced (MS Office)
- **Custom software**, performs functions specific to a business or industry
- **Web-based software**, hosted by a Web site (E-mail)
- **Open source software**, provided for use, modification, and redistribution (Open Office)
- **Shareware**, copyrighted software that is distributed free for trial period
- **Freeware**, copyrighted software provided at no cost
- **Public-domain software**, freeware with no copyright restrictions (Star Office)

• **User Interface**

-Controls how you communicate with the computer

- **command-line- DOS -Acronym for disk operating system.**

The term DOS can refer to any operating system, but it is most often used as a shorthand for MS-DOS. Originally developed by Microsoft for IBM, MS-DOS was the standard operating system for IBM-compatible personal computers

-**menu-driven**-provides menus as a means of entering commands

- **GUI-Graphic User Interface**-Windows

System Software

- Control the operations of the computer

- **Operating system** - coordinate all the activities of the hardware devices in a computer (ex. DOS, Windows, Unix)

- **Utility programs** - performs a specific task, usually related to managing a computer, its devices, or its programs (ex. format disk, disk clean-up, virus protection)

Popular Stand-Alone Utility Programs

- Antivirus Program
- Spyware Remover
- Internet Filters
- File Compression
- File Conversion
- CD/DVD Burning
- PC Maintenance

Application Software

- System software serves as the interface between the user, the application software, and the computer's hardware



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Figure 3-2

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Business Software

- **Business software** is application software that assists people while performing business activities

Word Processing	Spreadsheet	Database	Presentation
Note Taking	Personal Information Manager	Business Software for Phones	Business Software Suites
Project Management	Accounting	Document Management	Enterprise Computing Software

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Business Software

- A **software suite** is a collection of individual programs available together as a unit
- An **integrated package** is software that combines several applications in one program.

So, what is the difference?????

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Graphics and Multimedia Software

Popular Graphics and Multimedia Software		
Application Software	Manufacturer	Program Name
Computer-Aided Design (CAD)	Autodesk	AutoCAD
	Chief Architect	Chief Architect
	Microsoft	Visio
Desktop Publishing (for the Professional)	Adobe	InDesign
	Corel	Ventura
Paint/Image Editing (for the Professional)	Quark	QuarkXPress
	Adobe	Illustrator
Photo Editing (for the Professional)	Corel	Painter
	Microsoft	Expression Design
	Adobe	Photoshop
Video and Audio Editing (for the Professional)	Arcadia	PhotoPerfect Ultimate
	Nik Software	Nik Professional Suite
	Adobe	Audition Premiere Pro Soundbooth
Multimedia Authoring	Avid Technology	Avid Media Composer
	Calsonik	SONAR
	Sony	ACID Pro
Web Page Authoring	Adobe	Director
	Agilix	GoCourse
	SumTotal Systems	ToolBook Instructor
Web Page Authoring	Adobe	Dreamweaver Fireworks Flash
	Microsoft	Expression Web SharePoint Designer

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Figure 3-19

Software for Home, Personal, and Educational Use

- Personal finance
- Legal
- Tax preparation
- Personal DTP
- Personal Paint/image editing
- Personal photo editing
- Clip art/image gallery
- Video & audio editing
- Home design/landscaping
- Travel & mapping
- Reference
- Educational
- Entertainment

Web Applications

- A Web application is a Web site that allows users to access and interact with software from any computer or device that is connected to the Internet

Popular Web Applications	
Program Name	Type of Application Software
Britannica.com	Reference
Dictionary.com	Reference
Flickr	Photo Editing and Photo Management
Gmail	E-Mail
Google Docs	Productivity Suite
Google Earth	Travel and Mapping
Google Maps	Travel and Mapping
MSN Encarta	Reference
Photoshop Express	Photo Editing
Picnik	Photo Editing
TaxACT Online	Tax Preparation
TurboTax Online	Tax Preparation
Windows Live Calendar	Personal Information Manager
Windows Live Hotmail	E-Mail
YouSendIt	File Transfer and E-Mail

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Figure 3-42

Application Software for Communications



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Figure 3-44

Learning Tools for Application Software

- Web-based Help provides updates and more comprehensive resources to respond to technical issues about software



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Figure 3-45b

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Learning Tools for Application Software

- **Online Help** is the electronic equivalent of a user manual
- You can ask a question or access the Help topics in subject or alphabetical order



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Figure 3-45a

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Learning Aids and Support Tools Within an Application

- **Web-based training (WBT)?**
- **Self-directed, self-paced instruction on a topic on the Web**
 - **Distance learning (DL)** is the delivery of education at one location while the learning takes place at other locations



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Learning Tools for Application Software

- Web-based Help provides updates and more comprehensive resources to respond to technical issues about software



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Figure 3-45b

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Copying Software

- Is this a crime?
- If so, what should be the penalty?

