User's Guide

PrintDirect

PRINTDIRECT
VERSION 3.0

User's Guide

Index

Disclaimer

THIS SOFTWARE AND MANUAL ARE SUPPLIED "AS IS". THE AUTHOR(S)HEREBY DISCLAIMS ALL WARRANTIES RELATING TO THIS SOFTWARE AND ITS DOCUMENTATION FILE, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO DAMAGE TO HARDWARE, SOFTWARE AND/OR DATA FROM USE OF THIS PRODUCT. THE AUTHOR(S) DO NOT WARRANT OR MAKE ANY REPRESENTATIONS REGARDING THE USE OR THE RESULTS OF THE USE OF THE SOFTWARE OR ANY DOCUMENTATION PROVIDED HEREWITH IN TERMS OF THEIR CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY THE AUTHOR(S) OR AN AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY. THE AUTHOR(S) HEREBY DISCLAIM LIABILITY FOR CONSEQUENTIAL DAMAGES. IN NO EVENT SHALL THE AUTHOR(S) OR THEIR SUPPLIER(S) BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, INTERRUPTION, LOSS OF INFORMATION, INCLUDING PROPERTY DAMAGE, PERSONAL   INJURY, INTELLECTUAL PROPERTY INFRINGEMENT OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL THE AUTHOR(S) OF THIS SOFTWARE BE LIABLE TO YOU OR ANY OTHER PARTY FOR ANY DAMAGES.

DUE TO THE NATURE OF EVOLVING PROGRAMMING AND THE VARIOUS HARDWARE AND SOFTWARE ENVIRONMENTS IN WHICH THIS SOFTWARE MAY BE USED, IT IS UNDERSTOOD THAT OCCASIONAL "BUGS" OR UNFITNESS MAY ARISE. THE USER SHOULD ALWAYS TEST THIS SOFTWARE THOROUGHLY WITH NON-CRITICAL DATA BEFORE RELYING ON IT.

Acknowledgment

BY USING THIS SOFTWARE YOU ACKNOWLEDGE THAT YOU HAVE READ THE LICENSE AGREEMENT, UNDERSTAND IT, AND AGREE TO BE BOUND BY ITS' TERMS AND CONDITIONS. YOU ALSO AGREE THAT THE AGREEMENT IS THE COMPLETE AND EXCLUSIVE STATEMENT OF AGREEMENT BETWEEN THE PARTIES AND SUPERSEDE ALL PROPOSALS OR PRIOR AGREEMENTS, ORAL OR WRITTEN, AND ANY OTHER COMMUNICATIONS BETWEEN THE PARTIES RELATING TO THE SUBJECT MATTER OF THE SOFTWARE AND DOCUMENTATION.

Introduction

PrintDirect is a file management utility that benefits computer users of all levels. With speed and accuracy PrintDirect displays the contents of a disk's directories. The user-friendly interface

allows for the selection of nine information fields to display for each file/directory listed. PrintDirect's sorting feature allows for display order specification based upon individual field values. If only a listing of certain files is required, PrintDirect can include/exclude files based upon particular attributes. For added precision there is also an IMPROVED powerful file-masking feature. The PrintDirect listing is displayed to the screen, which can then easily be saved as a text file or printed to a compatible printer. Once you have experienced the power of PrintDirect you'll wonder how you managed without it!

This guide is intended to assist in revealing PrintDirect's potential. The release of PrintDirect version 3.0 brings great excitement. This release is packed with major updates and enhancements. These updates are based upon customer feedback as well as our own development interests. The added features add to the quality and power of the software product. Customer feedback is a vital part of the continued creation of quality software.

For the most current version and purchasing information visit the PrintDirect Homepage at:
http://home.ici.net/customers/mrealm/printdir/printdir.htm

NOTE TO REGISTERED USERS: This version of PrintDirect uses a different software protection method. You current User and Registration keys will not work. As with all of our software registration includes *free* updates. To receive updated registration codes please contact bandp@ici.net. Registration codes will be delivered to the address designated upon registration.

Installation

For proper installation please ensure the following minimum System Requirements. Running PrintDirect on a machine that does not meet the minimum requirements may result in undesired effects:

Operating System:	*Windows95 or Windows NT 4.0*
Processor:	*486/66Mhz or greater*
Memory:	*8 MB RAM or greater*
Disk Space:	*5 MB or greater hard disk space*
Additional:	*PC compatible mouse*

** For proper installation completely remove any previously installed versions **

Before you can use PrintDirect you have to run the PrintDirect setup program from Windows so it will work properly on your computer. To install PrintDirect:

1. Start Windows® 95 / Windows® NT 4.0

2. If installing from diskette, insert the PrintDirect disk into the appropriate floppy drive.

3. Click the Start button located on the Taskbar. Windows will open the Start menu.

4. Click on the "Run…" option from the Start menu. This will open the "Run" dialog box.

5. If installing from a floppy drive type the drive letter of the floppy drive containing the PrintDirect files followed by ":\SETUP.EXE", or if you have downloaded PrintDirect, type the path to the unzipped files followed by "\SETUP.EXE".

6. Click on the "OK" button. Windows will run the PrintDirect setup program.

7. Follow the on-screen instructions to complete the installation.

Getting Started

Executing PrintDirect is accomplished by selecting the PrintDirect icon created by the setup program. The simple interface and design facilitates the navigation and processing of directories, without the loss of power or efficiency. The PrintDirect application consists primarily of two interface windows. These windows consist of the:

A. The Main Window:
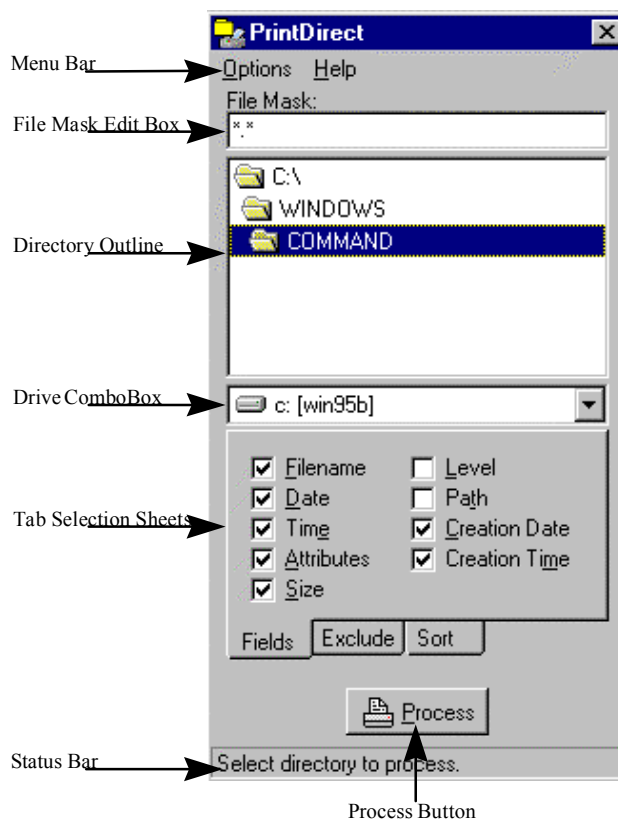
Menu Bar -   The Menu Bar is the horizontal bar that displays the name of available menu options. The current version of PrintDirect has two menu bar options available, *Options* and *Help*. The *Options* menu bar displays the status of the *Save on Exit* feature. The adjacent check mark indicates enabled, while no check mark indicates disabled. When the *Save on Exit* feature is enabled, the individual settings once
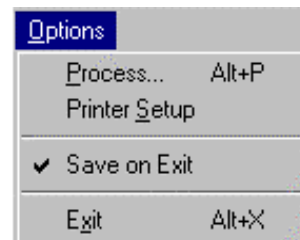
PrintDirect is closed are stored (excluding the directory and drive letter). PrintDirect loads the stored settings on each program execution.

File Mask Edit
Box - This is the mask determining which files are included in the report. Set the file mask to a regular expression to limit the output to the files that match the mask. The value of the mask is a file name that may include wildcards. The asterisk (*) is a wildcard which matches any number of arbitrary characters. The question mark (?) is a wildcard which matches a single arbitrary character. The file mask *.* displays all files, which is the default value. (i.e. to only display files with a .txt extension enter *.txt for the file mask)

Directory
Outline - This is a tree list of the selected drive's directory structure. The directory selected in this field is the directory that will be processed. Select the directory that contains the information to be printed. Directory selection is accomplished by double clicking on the desired directory within the Directory Outline.   Once a directory is selected all sub-directories within that directory are displayed, allowing for the maneuvering through the directory levels below the root. Use of the vertical scrollbar will assist in the displaying of those directories that may not fit in the current directory view. *Note: One way of determining the directory that is selected is by the folder shading. The selected directory is an open folder a shade darker than the rest.*
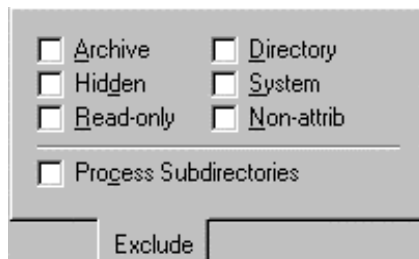
Drive Combo
Box - The Drive Combo Box displays the currently selected drive. The selecting of the drive is accomplished by clicking on the downward pointing triangle on the right side of the Drive ComboBox. Pressing the triangle will open a display list of the drives currently available. Click on the desired drive. The selected drive will now be listed in the Drive ComboBox.

Tab Selection
Sheets - The Tab Selection Sheet consists of three individual pages that are used to determine certain option upon the processing of the selected directory.   The three available tabs are *Fields, Exclude* and *Sort*. The Fields tab sheet consists of nine check boxes representing the fields available to display for each file. Placing a check mark in the check box adjacent to the field name will display that field in the report. The Exclude tab sheet also consists of check boxes, however, these check boxes (with the exception of the Process Subdirectotries) indicate which files, with certain attributes to exclude. Placing a check mark will result in the files with the specified attribute to not be displayed. The Process subdirectotries check box determines whether PrintDirect will only process the current directory, or process all subdirectories located within the

directory. The third tab is the Sort options. The sort option determines which field will be used to sort the outputted information in ascending order. The solid radio button indicated the selected sort field.

Process Button - The Process button initiates the process of displaying the directory structure based upon the current configuration.

Status Bar - The Status Bar is the horizontal bar along the bottom of the main window. The Status Bar displays application hints based upon the cursor position.

A. The PrintDirect Editor:
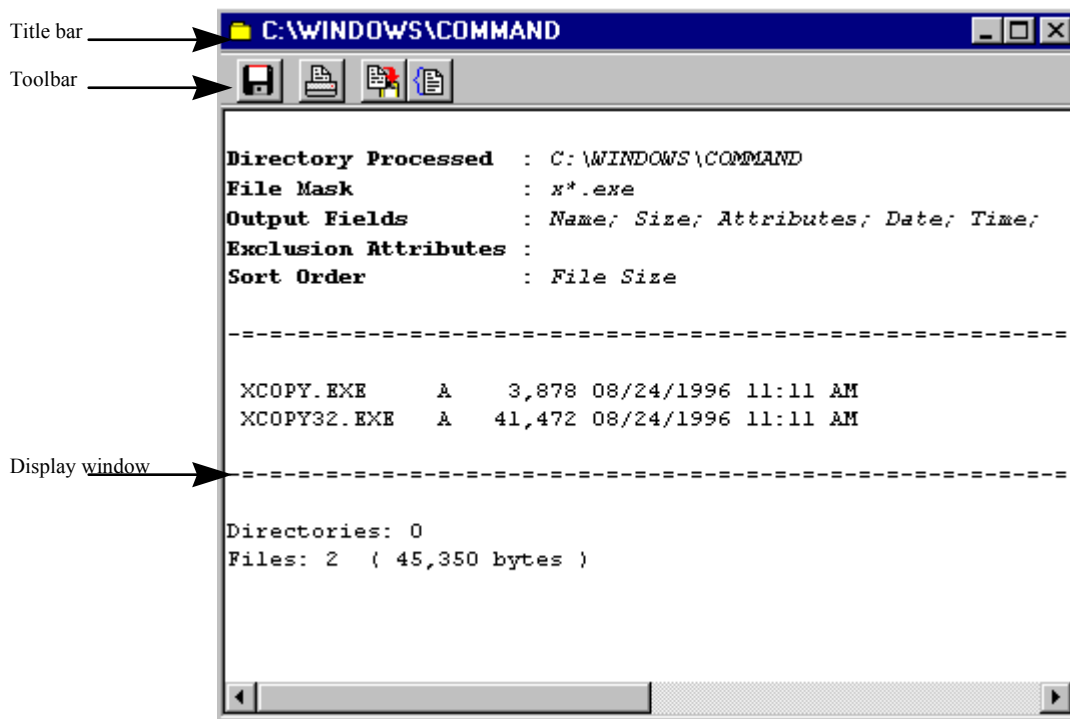
Title Bar - The title bar is the horizontal bar band across the top of the PrintDirect Editor. The caption of the PrintDirect editor is the processed directory for the current window.

Toolbar - The Toolbar is the horizontal panel that is located below the Menu Bar containing various speed buttons to perform certain actions. To determine which action a toolbar button performs hover the mouse cursor over the specific button. The available toolbar buttons are:

Save - The *Save* toolbar button allows for the saving of the entire contents of the PrintDirect editor a user specified ASCII file. Clicking on this button will open a standard *Save As…* dialog box used to specify the name and location of the file to be saved.

Print - Prints the entire contents of the PrintDirect editor to the currently configured printer.

Copy - Copies the currently selected text to the Windows® clipboard. The information is stored on the clipboard as standard text, allowing the pasting into most applications that support the clipboard. The selecting of the text to place on the clipboard is accomplished by moving the cursor to the desired starting point and the dragging (while the left mouse button is press, commonly referred to as '*Click and Drag*') the cursor to the desired end location. Release the mouse button and the selected region is now highlighted.

Select All - This button will select the entire contents of the PrintDirect Editor. A speedy alternative to selecting the entire editor by '*Click and Drag*'.

Display Window - The display window consists of a scrollable window that displays the information of the processed directory, with the tab selection sheet settings. This region is read only and cannot be modified from within PrintDirect. Right clicking the mouse over this region will open up a pop up menu displaying options available within the editor.
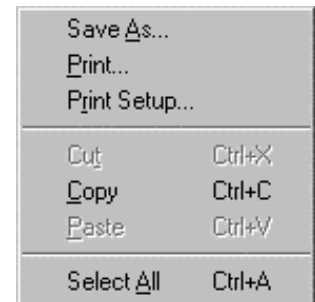
Processing

Processing of a PrintDirect listing can be accomplished by following these simple recommended steps:

1. Start the PrintDirect application

2. Select the drive containing the directory to process.

3. Select the directory to process

4. Select the *Fields* to display. There are a total of nine separate fields. These fields are:

Attributes : The individual file attributes. Displayed in the following order - **H**idden, **S**ystem, **A**rchive, **R**ead-only and **D**irectory.

Creation Date : The date the file was created. *(MM/DD/YYYY)*

Creation Time : The time the file was created. *(HH:MM xM)*

Date :	The file date.	*(MM/DD/YYYY)*
Filename :	The file name.	
Level :	The subdirectory number (*levels deep*),	
	below the directory processed.	
Path :	The directory path for the file.	
Size :	The size of the file in bytes.	
Time :	The file time.	*(HH:MM xM)*

5. Select which files to include/exclude through the *File Mask* and the *Exclude* tab.

6. Select the sort order of the output list

7. Click on the Process button; once pressed PrintDirect will display the specified information within the PrintDirect Editor. You can view the listing by scrolling through the editor window. You may also either save the listing as a text file, print to a printer or copy all or some portions to the clipboard. You may minimize the PrintDirect editor and process a separate directory. The number of editor windows open at one time is limited by system memory.

Uninstall

Under Windows® 95 and Windows® NT 4.0 you can uninstall PrintDirect from the Control Panel Add/Remove Applications window. Activate the Control Panel, double click Add/Remove Programs, and double click on the PrintDirect list box entry.

Bug Reports

If you experience something you think might be a bug in PrintDirect, please report it by sending a message to bandp@ici.net, with a subject heading of Bug Report. Describe what you did, what happened, what version of PrintDirect you have, any error messages PrintDirect gave, what kind of computer you have, which operating system you're using, and anything else you think might be relevant.

Product Enhancement

From time to time, everyone comes up with an idea for something they'd like their software to do differently.   If you come across an idea that you think might make a nice enhancement to PrintDirect, your input is always welcome. Please send any suggestions or requests for new features to bandp@ici.net with a subject heading of Product Enhancement.

History

This section contains the information pertaining to enhancements added for each version upgrade.

Version 1.5.4 -
       History section of user's manual added
       Wider filename fields, allowing for display of more characters
       Enhanced printing capabilities

Version 1.5.5 -
       Modification of DLL call

Version 2.0.0 -
       Enhanced Printed output support
       Ability to sort output display of files
       Linkage of call to help file

Version 3.0 -
       Additional system information added to the About Dialog Box
       Addition of file path field
       Addition of creation date and time fields
       Option to exclude the display of the filename field
       Option to exclude the display of directories in the listing
       Option to exclude files with no set attributes
       Smart alignment, which disables the 30 character cut off
       Menu Bar
       Save settings on exit
       Saved settings restored at startup
       PrintDirect Editor
       Ability to copy all or portions of listing to Windows clipboard
       Added sorting methods (creation date, creation time, and time)
       Improved memory management
       Improved file masking, the file mask now only applies to files.