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Special thanks to Clifford Gross, Robert Lee,
Bill Sheppard, Craig Steiner, and Chris Wareham.

Daisy-Dot II is in the public domain and may be freely distributed in its original form.

All donations will be thankfully accepted. For contributions of $10 and above, one will receive the Daisy-Dot II disk and full printed documentation. Send all correspondence to:

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## INTRODUCTION

Daisy-Dot II (DDII) is a complete environment for printing near letter quality text with Epson and Star compatible printers. Based on the original Daisy-Dot, the tremendous quality of DDII's output and the many new formatting features infinitely improve the printing capabilities of your Atari 8 bit system.

The DDII system consists of three independent programs, written in C with machine language routines. The DDII Print Processor (DDIIPP) is the main program, from which text files are printed out. The DDII Font Editor (DDIIFE) is a full-featured editor for designing and editing DDII fonts. The DDII Font Utilites program (DDIIFU) converts standard Atari fonts to DDII format (the original version of this utility was written in BASIC by Robert Lee) and also creates italicized versions of existing fonts.

## COMPATIBILIY

DDII supports the following system configurations:

-- Atari 400/800/600XL/800XL/1200XL/65E/130XE with minimum 48K

-- Epson EX/FX/JX/LX/MX III/RX 9 pin printers
-- Star Gemini/SG/NP/NX 9 pin printers

-- DOS 2.5, SpartaDOS, SmartDOS, MyDOS, and most other DOS's

## DAISY-DOT II PRINT PROCESSOR

The DDIIPP prints out text files in near letter quality using a variety of proportional fonts. DDII uses a special technique of making two passes for each printed line. After the first pass, the page is advanced minimally and then a second pass fills in the gaps. This varies from standard double striking in that each pass is not identical, but is a different set of formatted text. The result is high density text that is difficult to distinguish from that of a typewriter or laser printer.

Many formatting features are available from a menu or can be implemented through commands that you type inside the text file. These powerful options include the ability to select the pages of a file to be printed, set the number of copies, chain text files together, change fonts within a file, set graphic density, change horizontal spacing, center lines, fully justify text, block text to the right, underline text, print double-width text, print in boldface, set proportional tabs for tables or charts, and include pictures within your text.

DDIIPP will work with almost any word/text processor, including PaperClip, AtariWriter Plus, Xlent's First Word Processor, and the public domain Textpro, which is available through user groups, BBS's, or from me for $5 (to cover costs).

## RUNNING THE PROGRAM

Included with DDII is Atari DOS 2.5. If you wish to use a different DOS, copy the desired DOS files to the disk. The DDIIPP is on Side 1 of the DDII disk as an "AUTORUN.SYS" file. When booting, after DOS loads, DDIIPP loads automatically. After loading, drive 1 is scanned for either of two printer configuration files. Two files exist on your disk under the name "STAR.CNF" and "MX.CNF". If you are using a Star Gemini/SG, rename "STAR.CNF" to "STAR". Some newer Star printers are 100% Epson compatible; experiment, and if this is the case, configure DDII for standard Epsons and NOT for Star printers. If your printer is an Epson MX III, rename the "MX.CNF" file to "MX". DDIIPP searches only for files with

these names, and disregards their contents. Thus, any file with the correct name will work. If neither of these configuration files is located on the disk, DDIIPP will configure itself for Epson EX/FX/JX/LX/RX models. If you are using a different Epson compatible, experiment to see which, if any, configuration suits your printer.

The DDIIPP file may also be loaded with the 'Binary Load' option from DOS menus or in command form with SpartaDOS.

## FONT ENTRY

When the DDIIPP executes, you are first prompted to enter the name of the DD font you wish to print the text file with. Enter 1-8 for a directory. Type in the "Dn:" if the font is on a drive other than 1. The ".NLQ" extender doesn't need to be typed in. If a file other than a DD font is entered, DDIIPP responds with Error #999 (this occurs in all DDII programs).

DDII fonts are entirely compatible with fonts from the original Daisy-Dot. New fonts may be created or existing ones edited with the DDII Font Editor. Atari fonts can be converted to DDII format or existing DDII fonts can be italicized with the DDII Font Utilities program. The following fonts are included on Side 1 of the DDII disk:

ARCIFORM.NLQ
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLM
NOPQRSTUVWXYZ[^_abcdefghijklmnopqrstuvwxyz|

BLOCK.NLQ
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLM
NOPQRSTUVWXYZ[^_abcdefghijklmnopqrstuvwxyz|

BORDERS.NLQ

BROADWAY.NLQ By B. Sheppard
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLM
NOPQRSTUVWXYZ[^_abcdefghijklmnopqrstuvwxyz|

GATSBY.NLQ By C. Gross
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLM
NOPQRSTUVWXYZ[^_abcdefghijklmnopqrstuvwxyz|

OHIO.NLQ
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLM
NOPQRSTUVWXYZ[^_abcdefghijklmnopqrstuvwxyz|

OLDENG.NLQ By C. Gross
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLM
NOPQRSTUVWXYZ[^_abcdefghijklmnopqrstuvwxyz|