Tech Info Library

Apple LaserWriters: Changing the Symbol Set for DOS Print(2/94)

Article Created: 9 February 1994

```
TOPIC -----------------------------------------------------------
```

I would like to print the special German letters (like ä, ü, ö, ß) in
DOS, using the software Printer Control Panel that comes with the
Windows-marketed Apple LaserWriter printers (LaserWriter Pro 600 and
630, Personal LaserWriter NTR, LaserWriter Select 310 and 360).

```
DISCUSSION ------------------------------------------------------
```

The Printer Control Panel software that ships with Apple
Windows-marketed LaserWriters is simply emulation switching software,
so it has no real role in producing the German letters. You can print
the letters in different ways depending on which mode you choose for
the printer (PostScript or PCL). For this article we'll assume that
you're using PCL.

Given this assumption, you can change the symbol set used in PCL mode
to one that contains umlaut characters. The ROMAN-8 symbol set, for
example, contains the characters you're looking for. We've provided
the PCL escape code sequence at the end of this article to perform
this.

Of course, you first need to generate the umlaut characters on the
screen. The character codes for "ä, ü, ö, ß" in the ROMAN-8 symbol set
are 204, 207, 206, and 222 respectively. To generate these on the
screen requires some combination of modifier keys (Shift, Option, and
so on) to get the characters.

Here's the HP PCL escape code to change the symbol set to ROMAN-8. You
should place this at the beginning of your text document:

<esc>(8U

The Printer Control Panel software determines that this is HP PCL and
automatically switches the Apple printer into PCL mode.
Copyright 1994, Apple Computer, Inc.

Keywords: SUPT

===

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 14623