

TPD.doc

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Chapter 1

TPD.doc

1.1 Tron's PCX Data Type

TPD - Tron's PCX Data Type V39.1

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A PCX datatype for OS 3.0 or newer

Purpose

Advantages

Installation

Copyright

Author

1.2 Purpose of AmyMove

TPD is a
datatype
for OS 3.0 or newer.

This datatypes enables your system to read PCX files.

PCX is a image file format invented by the programmes of the program
"PaintBrush" and one of the most common image formats on MS-DOS computers.

With this datatype you will be able to display such PCX files with
"MultiView" or load them as patterns or pictures with "WBPattern".

1.3 What are datatypes ?

Datatypes are a new feature of OS 3.0. They are BOOPSI classes which are controlled via the new "datatypes.library".

With this library an application is able to load all files supported by one of the datatypes and display them without knowing anything about the format of the file.

Programs which support datatypes are e.g. "MultiView" or "WBPattern", both part of Workbench 3.0.

1.4 Advantages

What are the advantages of this PCX datatype ?

- fast:
 - chunky to planar conversion via WritePixelLine()
 - asynchronous I/O
- low memory usage
- supports:
 - CGA/EGA format (planar)
 - VGA format (chunky)
 - true color format (hybrid)
- converts true color into HAM/HAM8 on EGS/AGA machines
- screen mode selection via BestModeID()

1.5 installation

The installation is quite easy:

- 1.) Copy "PCX" and "PCX.info" to "DEVS:DataTypes".
- 2.) Copy "pcx.datatype" to "SYS:Classes/DataTypes".
- 3.) Type "AddDataTypes REFRESH" in a CLI or simply reboot.

Ok, now TPD is ready to be used.

1.6 Copyright

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