Introduction

Overview

This introduction provides an overview of NCSA PC Show. The organization and use of this manual are described and notational conventions are explained.

About PC Show

NCSA PC Show Version 1.0 displays images with the Enhanced Graphics Adapter (EGA), the Video Graphics Adapter (VGA), or the Revolution 512 graphics card from Number Nine Computer (NO9). PC Show can display either binary raster images or images contained in HDF files.

Special Features

Special Features of PC Show include

- display of multiple images in sequence,
- display of HDF formatted files or binary raster files,
- display with EGA, VGA, or NO9 video controllers,
- manipulations of palette while image is displayed,
- simultaneous storage of multiple palettes, and
- animation of multiple image sequences.

System Requirements

In order to run NCSA PC Show, you need the following hardware:

- IBM PC, PC/AT, or IBM PS/2 with one of the following graphics controller boards: Enhanced Graphics Adapter, Video Graphics Adapter, or Revolution 512

- 320K memory for PC Show

PC-DOS or MS-DOS Version 2.0 or later must also be installed on the machine before PC Show is run.

Use of This Manual

Organization of This Manual

This manual is organized into three chapters. Each page of each chapter

is given a unique number that consists of the chapter number, a period, and the number of that individual page (beginning with the first page of the chapter). For example, page 2.3 is the third page of the second chapter. Each chapter is divided into sections, and some sections are divided into subsections.

Manual Contents

This manual is organized into the following chapters and appendices:

Chapter One, "Entering and Exiting NCSA PC Show," provides a brief discussion of the commands used to begin PC Show, command line parameters which enable special display options, and methods of exiting the program.

Chapter Two, "Viewing Images In NCSA PC Show," delineates the various commands which concern the display of animations or multiple images. The chapter contains tables which depict two of the online help screens featured by PC Show.

Chapter Three, "Palettes and Palette Manipulations," describes both the characteristics of various palettes and the commands which permit the manipulation of palettes.

Typographic Conventions in This Manual

Commands shown in **courier boldface** type represent a user entry. Program lists and screen displays are presented in courier type.

Explanations of software display often include a printed representation of the screen display. These displays are shown in courier type.

Keynames are shown in capital, boldface letters when it is intended that you press them; for example, "Press **ENTER** to advance to the Palette Help Screen."

In descriptions of the various features and commands, a word or phrase that is used for the first time may be shown in *italics.* A definition or explanation of the term follows.