PHIGS
TOOLKIT

Department of Computer Science
University of Manchester

Computer Graphics Unit
Manchester Computing Centre
University of Manchester

PTK/100 – PHIGS Toolkit User Guide

Author: Toby Howard, W.T. Hewitt, J.G. Williams, S. Larkin

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Preface

Read this first!

The PHIGS Toolkit contains many tools to help application programmers. Some, such as those in the PHIGS Utility Library are single, self-contained procedures. These are referred to as **Programming Tools**. Others, such as the PHIGS Debugger and the PHIGS View Editor, are complex interactive tools, and are called **High-Level Tools**. The PHIGS Toolkit documentation consists of three separate manuals. The first is a **User Guide**, and provides an overview of the functionality of the PHIGS Toolkit. The second manual is a **C Reference Manual**, which gives detailed specifications of each C function in the PHIGS Toolkit. The third and final PHIGS Toolkit manual is a **Fortran reference manual**.

Because it is simply not practicable to give detailed examples of the use of every function in the PHIGS Toolkit, to get the most out the Toolkit we suggest you read this preface, the introductory chapter (Chapter 1), and then Chapters 4 to 11 of the User Guide, which describe the functionality of the tools. Next, browse through the function descriptions for each module in the Toolkit in the relevant language reference manual, and have a look at some of the demonstration programs described in Chapter 3 of the User Guide.

History

Ideas for a PHIGS application programmers' Toolkit began during the KRT^3 research project [1]. The motivation