first dumb page.

TABLE OF CONTENTS

PRESENTED PAPERS

Tcl/Tk Extensions and Tools (Chair: B. Welch)

Object-Oriented Programming in Tcl (Chair: M. Diekhans)

Distributed Programming Tools (Chair: S. Delmas)

Groupware Applications (Chair: A. Payne)

Multimedia and Real-Time Applications (Chair: K. Lehenbauer)

Applications (Chair: D. Libes)

POSITION STATEMENTS

INTRODUCTION

This proceedings contains papers presented and position statements submitted to the **TCL/TK Workshop** held at U.C. Berkeley in June 1993. Over 50 position statements were submitted, from which the program committee selected 17 for presentation at the Workshop.

This workshop was the first gathering of implementors and users of the *Tool Command Language* (Tcl) and *Tcl Toolkit* (Tk). The submissions to the program committee covered a broad range of topics including language extensions, toolkit extensions, development tools, and applications. The breadth and quality of the submissions was truly impressive. The task of selecting presentations was exceedingly difficult.

In addition to presentations, the workshop reserved time for discussions on important issues to the Tcl/Tk community including program distribution and management, object constructs, event propagation and bindings, security, commercialization, and portability. The workshop also had a presentation from John Ousterhout who is the creator and father of Tcl/Tk.

I want to thank the people who handled the details required to organize and put on this workshop. Specific thanks go to Michelle Mattera, Bob Miller, Claire Mosher, and Elisa Kwon. We are all appreciative of their contributions.

Lawrence A. Rowe
June 1993

ORGANIZING AND PROGRAM COMMITTEE

Lawrence A. Rowe, U.C. Berkeley
Chairman

Sven Delmas, Technical University of Berlin

Mark Diekhans, Santa Cruz Operation

Karl Lehenbauer, Neosoft Corporation

John Ousterhout, U.C. Berkeley

Andrew Payne, Digital Equipment Corporation

Brent Welch, Xerox PARC