PREFACE

Overview of the Manual

This manual describes the Users' Modules for Xerox's Lisp Object-Oriented Programming System, LOOPS (TM), to developers.

Note: Venue does not support LOOPS Users' Modules. However, each Users' Module contains the name and network mailing address of the person who wrote or last modified that module, and the date it was written or last modified.

This manual describes the Lyric/Medley Release of the LOOPS Users' Modules, which run under the Lyric and Medley Releases of Lisp.

Organization of the Manual and How to Use It

This manual is divided into chapters, with each chapter describing a separate Users' Module.

To use the manual, read the chapter that corresponds to the Users' Module you want to use. A general Table of Contents is provided to help you locate specific information.

Conventions

This manual uses the following conventions:

- Case is significant in LOOPS and Lisp. All selectors, methods, arguments, etc., must be typed as shown. Typically, this means that method names are capitalized and variables are not.

- Arguments appear in italic type.

- Selectors, methods, functions, objects, classes, and instances appear in bold type.

  For example, a method appears as follows:

  (← *self* **Selector** *Arg1 Arg2*)

- Examples appear in the following typeface:

  ```
  89←(←LOGIN)
  ```

- All examples are typed into an Interlisp Exec. This is the recommended Exec for all LOOPS expressions.

- Methods with an exclamation mark (!) suffix usually perform operations deeply into class structure instead of only on a given object.

- Methods with a question mark (?) suffix usually are predicates; that is, truth functions.

- Methods oftn appear in the form **ClassName.SelectorName**.

- Cautions describe possible dangers to hardware or software.

- Notes describe related text.

References

The following books and manuals augment this manual.

LOOPS Reference Manual

LOOPS Release Notes

LOOPS Library Modules Manual

Interlisp-D Reference Manual

Common Lisp: the Language by Guy Steele

Common Lisp Implementation Notes, Lyric Release

Lisp Release Notes, Lyric Release and *Medley Release*

Lisp Library Modules Manual, Lyric Release and *Medley Release*