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## Overview of the Manual

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

Note: Xerox does not support Xerox 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 Xerox LOOPS Users' Modules, which run under the Lyric and Medley Releases of Xerox Lisp.

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## Organization of the Manual and How to Use It

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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.

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## Conventions

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This manual uses the following conventions:

- Case is significant in Xerox 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 Xerox 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 often appear in the form **ClassName.SelectorName**.
- Cautions describe possible dangers to hardware or software.
- Notes describe related text.

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## References

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The following books and manuals augment this manual.

*Xerox LOOPS Reference Manual*

*Xerox LOOPS Release Notes*

*Xerox LOOPS Library Modules Manual*

*Interlisp-D Reference Manual*

*Common Lisp: the Language* by Guy Steele

*Xerox Common Lisp Implementation Notes, Lyric Release*

*Xerox Lisp Release Notes, Lyric Release and Medley Release*

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