

# ERRATA FOR THE LYRIC / MEDLEY RELEASE OF XEROX LOOPS

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Please note the following corrections to the Lyric/Medley release of the manual and software. These descriptions and workarounds supplement the Lyric/Medley *Xerox LOOPS Release Notes*.

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## Notes and Cautions

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### Documentation comments in examples

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Documentation props are now strings, as mentioned in the Lyric/Medley version of the *Xerox LOOPS Release Notes*. However, many of the manual's examples incorrectly show comments being used for documentation on methods, and instance and class variables.

### Conversion of instance files

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We have encountered a case where instance files from Koto LOOPS failed to load after conversion under Lyric/Medley LOOPS. This occurs when instances refer to each other (their IVs contain one another).

This type of instance file must be written out in the INTERLISP readtable, since only that readtable handles the "hash dot" reader macro used to write out a reference to an instance. After conversion of such files, place a MAKEFILE-ENVIRONMENT property on the file that will cause it to be written and read in the INTERLISP readtable.

### GetIt for missing IV props

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There is an inconsistency in **GetIt**'s behavior when retrieval of missing instance variable properties is attempted. If the object being retrieved from is an *instance*, this returns the value of **NoValueFound**, and triggers any active values. However, if the object being retrieved from is a *class*, **GetIt** returns the value of **NotSetValue**, and does not trigger active values. A workaround would be to check for both **NoValueFound** and **NotSetValue** as return values from **GetIt**.

## LOOPS Rules

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The User's Module "Rules" has changed to track differences between Koto and Lyric/Medley LOOPS. In Koto LOOPS, one could create RuleSets that were not methods; this is no longer possible. RuleSets can no longer reside "bare" in a FNS definition.

Several things follow from this change:

- **RunRS** no longer works.
- **DefRSM** is now the only way to create new RuleSets. The documented **New** method for the class **RuleSet** is used internally by **DefRSM**; software should no longer specialize or depend on it.
- The RuleSet method **CopyRules** no longer works. RuleSets can be copied using **CopyMethod**.

## Converting Koto RuleSets

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Converting older RuleSets to run in the Lyric/Medley release of Xerox LOOPS is a two-step process. The first step takes place in the Koto release of LOOPS; the second step occurs in the Lyric/Medley release of LOOPS.

While still running the Koto release of LOOPS, you must first pass preKoto RuleSets through the converter in the LOOPSBACKWARDS User's Module. This will upgrade the RuleSets to run in Koto LOOPS. RuleSets which reside in FNS must also be moved into methods at this time. A final ready-to-convert version of the RuleSet files should then be made.

After starting up the Lyric/Medley release of Xerox LOOPS any previously prepared Koto RuleSets can be passed through the converter in the CONVERSION-AIDS User's Module. Some types of Koto converted Buttriss RuleSets will print out a message during conversion; these must then be rule-compiled, i.e. translated from RuleSet to executable code by sending the RuleSet the **RE** message and exiting the rule editor with **OK&LispCompile**.

After these steps all RuleSet formats will be correctly updated and the fully converted files can be made.

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