PROCESSES

LOOPS provides two special versions of message sending that start a separate process to run LOOPS methods. These are \leftarrow **Process** and \leftarrow **Process!** which are analogous to \leftarrow and \leftarrow **!**.

| (← Process <i>obj sel arg1 argn</i>) | [Macro] | | |
|--|---|--|--|
| Purpose: | Starts a new process to run the selected method on the object, obj. | | |
| Behavior: | The method indicated by <i>sel</i> is run in a separate process for the given instance or class, <i>obj.</i> See the <i>Interlisp-D Reference Manual</i> for a discussion of processes. | | |
| Arguments: | obj A LOOPS object. | | |
| | <i>sel</i> Name of the method to be executed as a process. | | |
| | arg1 argn Arguments for the method specified in <i>sel.</i> | | |
| Returns: | Pointer to a process data type. | | |
| Example: | Assume the method ClockTime is added to the class LCD, as follows: | | |
| (while | itTime DisplaySeconds?) | | |

| (← Process! <i>obj sel arg1 argn</i>) | | | [Macro] |
|---|---|--|---------|
| Purpose: | | process to run the selected method on the object <i>obj</i> . Lik xcept the argument <i>sel</i> is evaluated. | æ |
| Behavior: | Evaluates <i>sel</i> returns a selector for a method of <i>obj</i> . This method is run on a separate process for the given instance or class, <i>obj</i> . | | |
| Arguments: | obj | A LOOPS object. | |
| | sel | Name of the method to be executed as a process. | |
| | arg1 argn Arguments needed for the method. | | |
| Returns: | Pointer to the process data type. | | |
| Example: | | rariable LCDClock is set to ClockTime, which is the mether LCD class as described for \leftarrow Process. The command | hod |
| | (\leftarrow Process | ! (\$ LCDInstance1) LCDClock 2000 T) | |
| | | ess LCDClock to the process list and (\$ LCDInstance) gital clock with a seconds display which updates itself ev | ery two |

