

---

---

**HARDCOPY-RETAIN**

---

---

By: Herb Jellinek (Jellinek.pa@Xerox.com)

This document was last edited on December 29, 1987.

**Introduction**

This module adds a "To a file and a printer" option to the Hardcopy item on the system window and background menus. This option sends the contents of a window or screen region to a printer, and simultaneously creates a file containing a printer-ready copy of it (e.g., an Interpress master); this makes it easy to run off multiple copies later.

**Using it**

When loaded, HARDCOPY-RETAIN calls the function `xcl-user::install-option` to side effect `il:|WindowMenuItems|` and `il:|BackgroundMenuItems|` and to set `il:|WindowMenu|` and `il:|BackgroundMenu|` to nil, thus forcing them to be recalculated.