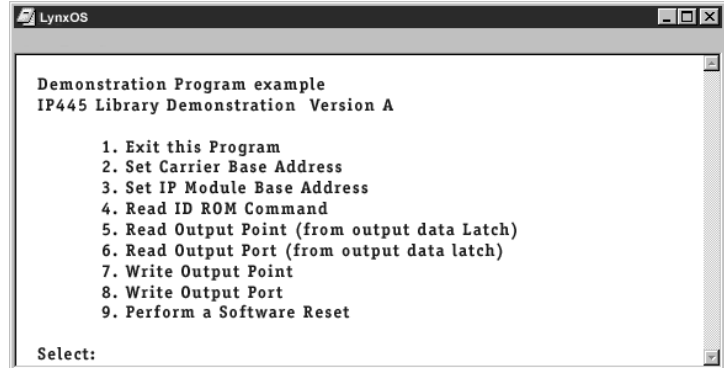


## Linux® Libraries I/O Function Routines



This free software utility is available for download from Acromag's website.

## Simplify interfacing between Acromag I/O boards and your software ♦ Demonstration Program

### Description

#### IPSW-API-LNX

Support for Industry Pack modules and carriers

#### PCISW-API-LNX

Support for PCI/CompactPCI boards and PMC modules

#### APSW-API-LNX

Support for AcroPack® modules and carriers

### Application Programming Interface (API)

Acromag's software development tools greatly simplify the interface between the I/O boards and your software application program. The Linux libraries are supplied as "C" source code. These libraries provide easy-to-use function routines that quickly integrate with your application. Function routines are ready for use "as-is," but they are also easily customized for your unique application.

### Demonstration Program

This powerful program lets you fully exercise the libraries and your hardware before running the actual application. These diagnostics will save you hours troubleshooting and debugging your applications. You can set addresses, set up registers, read real-world inputs, or drive outputs. The demonstration program steps you through the exact functions that are called in your application.

### Key Features & Benefits

- Easy installation procedure
- Readme files with step-by-step instructions
- Programming tools for most Acromag I/O boards (excludes serial I/O and VME products)
- Demonstration program
- Downloadable at no charge from the Acromag website
- Source code provided to ensure maximum flexibility in implementing your driver
- Verify operation of your I/O modules and carrier cards with a demonstration program to ensure proper hardware operation before attaching your application

### Ordering Information

*NOTE: This unsupported software is available ONLY by download from Acromag's website.*

#### [IPSW-API-LNX](#)

Linux example libraries for Industry Pack modules and PCI/CompactPCI carrier cards

#### [PCISW-API-LNX](#)

Linux example libraries for PCI, CompactPCI, and PMC modules.

#### [APSW-API-LNX](#)

Linux example libraries for AcroPack® modules and carriers.

#### [IPSW-VME-LNX](#)

Linux example libraries, works with TSI148 chipset for models XVME-6300, XVME-6400, Industry Pack modules, and VME carriers.

#### [IPSW-A7VME-LNX](#)

VxWorks® 7.0 64-bit, software support package for Acromag Series XVME6500 and XVME6700 SBC when used with Industry Pack modules and VME carriers. Supplied on CD-ROM.