Introduction [1]

The SEGLDR product is a loader for code produced by the CAL version 2, CFT77, CF90, Pascal, Ada, and C language processors. For segmented programs, the SEGLDR product loads program segments as required, without explicit calls to an overlay manager. See "Introduction to Program Segmentation," page 55, for more information on program segments.

In this manual, *segmented* programs are programs having portions of their code not continuously memory-resident, and *nonsegmented* programs are those having all of their code continuously memory-resident.

Executing under the control of the UNICOS operating system on a Cray Research computer system, the SEGLDR loader produces both segmented and nonsegmented executable programs. Despite its name, the SEGLDR loader is an efficient and full-featured loader for loads that do not require segmentation.

With the SEGLDR loader, you can produce and execute segmented programs without modifying your code extensively. The SEGLDR loader detects subroutine calls that require the loading of new segments into memory. A memory-resident routine, provided by the system and loaded with the object module, manages memory overlays.

"Invoking SEGLDR," page 3, describes the UNICOS invocation statement.