

LOADED-MODULES

File	23
Op-Sys	OS/390
Statement	FIND
Task	Returns a list of all modules which have been loaded into the requested address space.

Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N5		D	
NODE-NAME	A16		D	
SYSTEM-MESSAGE-CODE	A10			
TCB-ADDRESS	B4		D	Required.
MODULE	A8		D	
TYPE	A4		D	
LOAD-ADDRESS	B4		D	
LENGTH	B3		D	

Additional Fields Supported for OS/390

Dictionary Field Name	F/L	Mu	DE	Remarks
JOB-NAME	A8		D	Required.
ENTRY-POINT	B4		D	
USE-COUNT	N3		D	
PSW	B4		D	
STATE	A7		D	

Relevant Error Codes

Code	Text	OS/390
805	Invalid TCB address.	X

Field Descriptions

Field Name	Type/Length	Operating System
ENTRY-POINT	(B4)	

Entry point of the module.

Field Name	Type/Length	Operating System
JOB-NAME	(A8)	

Name of the job.

Field Name	Type/Length	Operating System
LENGTH	(B3)	

Length of the module.

Field Name	Type/Length	Operating System
LOAD-ADDRESS	(B4)	

Load address of the module.

Field Name	Type/Length	Operating System
MODULE	(A8)	

Name of load module, interpreted by the fields TYPE, LOAD-ADDRESS and LENGTH.

Field Name	Type/Length	Operating System
PSW	(B4)	

Current Program Status Word for a program (does not apply, if TYPE=LOAD).

Field Name	Type/Length	Operating System
STATE	(A7)	

Run state of the program (does not apply, if TYPE=LOAD). Possible values:

Value	Explanation
RUN	Program is running.
SUSPEND	Program is suspended.
WAIT	Program is in wait state.

Field Name	Type/Length	Operating System
TCB-ADDRESS	(B4)	

Address of Task Control Block.

Field Name	Type/Length	Operating System
TYPE	(A4)	

Module type. Possible values:

Value	Explanation
IRB	Interrupt Request
LOAD	Module was LOADed.
PRB	Program Request.
SIRB	System Interrupt Request.
SVRB	SuperVisor Request for SVC routines.
TIRB	Task Interrupt Request.

Field Name	Type/Length	Operating System
USE-COUNT	(N3)	

Use count of the module.