

# MAIN-STORAGE

<b>File</b>	20
<b>Op-Sys</b>	OS/390, VSE/ESA, BS2000/OSD
<b>Statement</b>	FIND
<b>Task</b>	Read storage allocated to the requested address space or partition. No modifications are possible. In BS2000/OSD, read pages of memory pools. In VSE/ESA, only the partition in which Entire System Server is running can be read.

## Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N3		D	
NODE-NAME	A16		D	
SYSTEM-MESSAGE-CODE	A10			
ADDRESS	B4		D	Required in OS/390 and VSE/ESA.
LENGTH	N3		D	Required in OS/390 and VSE/ESA.
OFFSET	B4		D	
AREA	A250		D	

## Additional Field Supported for OS/390

Dictionary Field Name	F/L	Mu	DE	Remarks
JOB-NAME	A8		D	Required

## Additional Fields Supported for BS2000/OSD

Dictionary Field Name	F/L	Mu	DE	Remarks
SYSTEM-CODE	B2			
POOL-ID	A54		D	Required
SCOPE	A6		D	

## Relevant Error Codes

Code	Text	OS/390	VSE/ESA	BS2000/OSD
699	Not enough main storage available.	X	X	
799	Entire System Server internal error.			X
801	Job not found.	X		
803	Cannot access data.	X	X	X

## Field Descriptions

Field Name	Type/Length	Operating System
ADDRESS	(B4)	OS/390, VSE/ESA, BS2000/OSD

Starting main storage address. The actual address displayed is specified by a combination of the ADDRESS and OFFSET fields.

In BS2000/OSD, address relative to memory pool start.

Field Name	Type/Length	Operating System
AREA	(A250)	OS/390, VSE/ESA, BS2000/OSD

Location to which the storage block is returned.

Field Name	Type/Length	Operating System
JOB-NAME	(A8)	OS/390

Name of job which serves as address space identifier. This field is required.

Field Name	Type/Length	Operating System
LENGTH	(N3)	OS/390, VSE/ESA, BS2000/OSD

Length of main storage to be retrieved (maximum is 250).

Field Name	Type/Length	Operating System
OFFSET	(B4)	OS/390, VSE/ESA, BS2000/OSD

Offset related to address to be displayed. The actual address displayed is specified by a combination of the ADDRESS and OFFSET fields.

Field Name	Type/Length	Operating System
POOL-ID	(A54)	BS2000/OSD

Name of the memory pool.

<b>Field Name</b>	<b>Type/Length</b>	<b>Operating System</b>
SCOPE	(A6)	BS2000/OSD

Scope of memory pool. Possible values:

<b>Value</b>	<b>Explanation</b>
GLOBAL	Name valid system-wide. Default.
GROUP	Name valid for user ID.
LOCAL	Name valid for task.