

MAINVIEW® Installation Requirements Guide

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In the USA and Canada, if you need technical support and do not have access to the Web, call 800 537 1813. Outside the USA and Canada, please contact your local support center or your local sales office for assistance.

Before Contacting BMC Software

Before you contact BMC Software, have the following information available so that a technical support analyst can begin working on your problem immediately:

- product information
 - product name
 - product version (release number)
 - license number and password (trial or permanent)
- operating-system and environment information
 - machine type
 - operating system type, version, and service pack or program temporary fix (PTF)
 - system hardware configuration
 - serial numbers
 - related software (database, application, and communication) including type, version, and service pack or PTF
- sequence of events leading to the problem
- commands and options that you used
- messages received (and the time and date that you received them)
 - product error messages
 - messages from the operating system, such as `file system full`
 - messages from related software

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About This Book

This book contains prerequisite information that is required for the installation of MAINVIEW products on OS/390 and z/OS systems. You should use this book in conjunction with the *OS/390 and z/OS Installer Guide* to install your products.

Who Should Read This Book

This book should be read by those individuals who install MAINVIEW products using the BMC Software OS/390 and z/OS Installer.

How This Book Is Organized

This book is organized into the following sections:

- [Chapter 1, “Installation Prerequisites” on page 1](#) defines installation requirements such as operating system software, DASD storage, and virtual storage for each product.
- [Chapter 2, “Product Libraries and SMP/E FMIDs” on page 23](#) contains reference tables of the FMIDs and target and distribution libraries for each product.

Required Reading

This book does not describe how to install MAINVIEW products with the OS/390 and z/OS Installer. The installation process is described in the *OS/390 and z/OS Installer Guide*.

Related Reading

Product customization and usage information about BMC Software products can be found in the BMC Software books shipped with your product tape.

Customization information for the following MAINVIEW® products is discussed in the *MAINVIEW Common Customization Guide*:

- CMF® MONITOR
- MAINVIEW® AutoOPERATOR™
- MAINVIEW® FOCAL POINT
- MAINVIEW® for CICS
- MAINVIEW® for DB2
- MAINVIEW® for DBCTL
- MAINVIEW® for IMS Offline
- MAINVIEW® for IMS Online
- MAINVIEW® for IP
- MAINVIEW® for MQSeries
- MAINVIEW® for OS/390
- MAINVIEW® for UNIX System Services
- MAINVIEW® for VTAM
- MAINVIEW® for WebSphere
- MAINVIEW® Storage Resource Manager (SRM)
- MAINVIEW® SYSPROG Services
- MAINVIEW® VistaPoint™

Customization information for MAINVIEW Alternate Access is discussed in the *MAINVIEW Alternate Access Implementation and User Guide*.

Customization information for MAINVIEW Explorer is discussed in the *MAINVIEW Explorer Implementation and User Guide*.

Product-specific customization information is discussed in the following documents:

CMF MONITOR Customization Guide

InTune™ User Guide

MAINVIEW AutoOPERATOR Customization Guide

MAINVIEW FOCAL POINT User Guide

MAINVIEW for CICS Customization Guide

MAINVIEW for DB2 Customization Guide

MAINVIEW for DBCTL Customization Guide

MAINVIEW for IMS Offline Customization and Utilities Guide

MAINVIEW for IMS Online Customization Guide

MAINVIEW for IP User Guide

MAINVIEW for MQSeries User Guide

MAINVIEW for OS/390 Customization Guide

MAINVIEW for UNIX System Services User Guide and Reference

MAINVIEW for VTAM Reference Manual

MAINVIEW for WebSphere Reference Manual

MAINVIEW VistaPoint Customization Guide

MAINVIEW Storage Resource Manager (SRM) Customization Guide

MAINVIEW SYSPROG Services Customization Guide

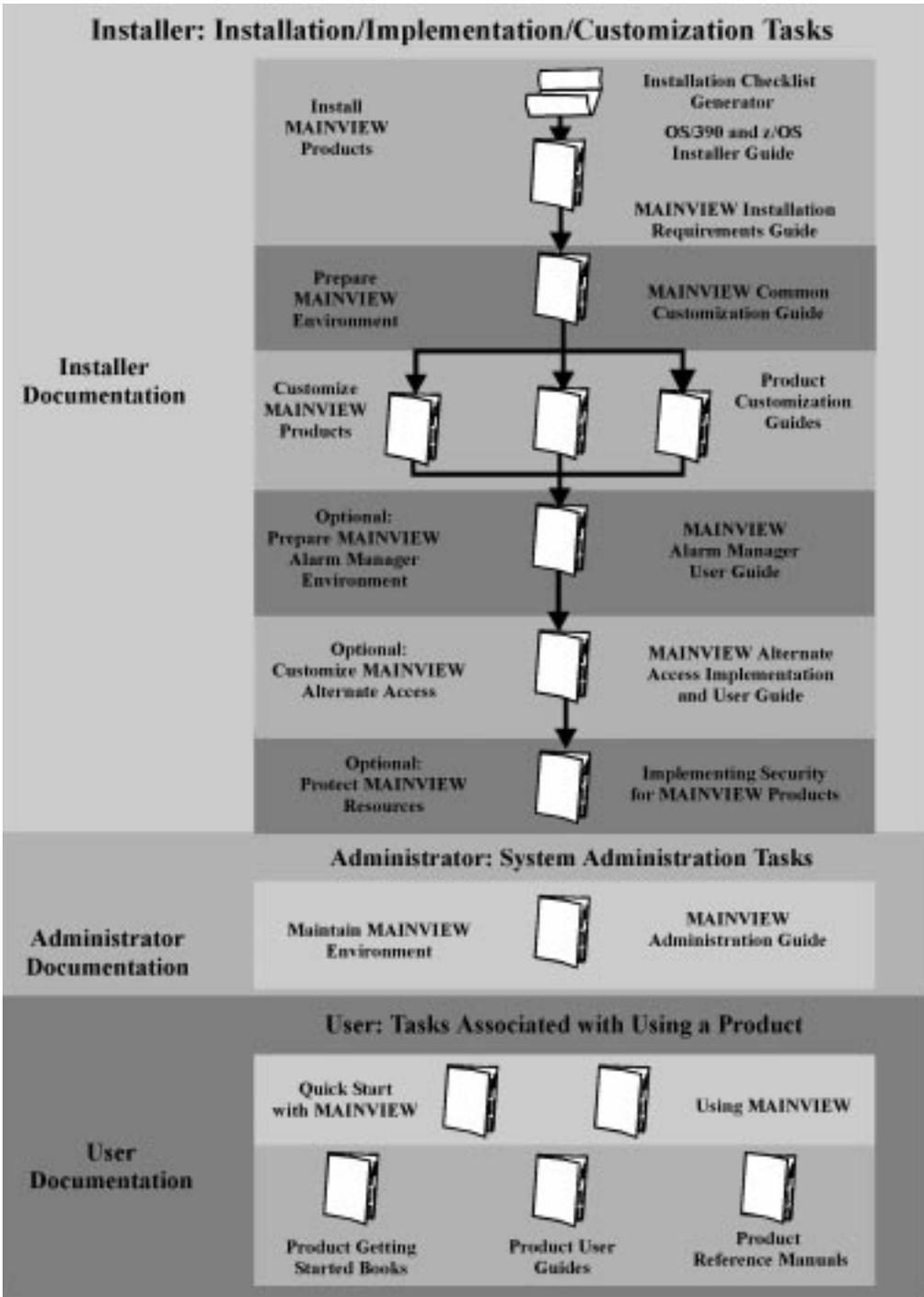
RxD2™ User Guide

MAINVIEW Library

The MAINVIEW library is organized into these three categories:

- Installer documentation
- Administrator documentation
- User documentation

Each book within these categories contains information about specific types of tasks. The following figure shows how each book relates to the other books in the MAINVIEW library.



Chapter 1. Installation Prerequisites

This chapter lists the prerequisites you need to consider before you install your MAINVIEW product(s) and make them operational. The following prerequisites are defined:

- The operating system software requirements for your MAINVIEW product(s), described in [“Software Requirements” on page 2](#)
- The amount of DASD storage required to install your product(s), described in [“DASD Storage Requirements” on page 5](#)
- The amount of virtual storage required to operate your product(s), described in [“Virtual Storage Estimates” on page 12](#)
- Target system changes that you may need to make before installation and customization, described in [“System Requirements” on page 22](#)

Software Requirements

Table 1 describes operating system software needed for the installation and execution of MAINVIEW products. Additional requirements for product customization are described in the books shipped with your product(s).

Table 1. Software Requirements

Product	Software required
CMF MONITOR 5.3.03	OS/390 1.2 or higher ISPF/PDF 3.5 or higher
Energizer for CICS 4.2.00	MVS/ESA SP5 or OS/390 1.1 or higher ISPF/PDF 3.5.0 or higher CICS/ESA 4.1.0, or CICS Transaction Server 1.2, 1.3, or 2.1
InTune 2.2.10	MVS/ESA 5.1 or higher, or OS/390, all versions TSO/E 2.3.1 or higher ISPF/PDF 4.1 or higher
MAINVIEW Alarm Manager 1.1.00	At least one of the following products is required: CMF MONITOR Online MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for MQSeries MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW VistaPoint
MAINVIEW Alternate Access 3.1.00	MVS/ESA 5.1 or higher ISPF 2.1 or higher TSO/E 2.1 or higher VTAM 2.2 or higher (for VTAM session access only)
MAINVIEW AutoOPERATOR Access for NV 6.1.00	NetView 3.1 or 3.2, or TME 10 NetView for OS/390 1.1 or higher MVS/ESA 5.1 or higher, or OS/390 2.0 or higher TSO/E Release 2.5 or higher
MAINVIEW AutoOPERATOR for CICS 6.1.00	CICS/MVS 4.1.0, or CICS Transaction Server 1.1 or higher MVS/ESA 5.1 or higher, or OS/390 2.0 or higher TSO/E Release 2.5 or higher
MAINVIEW AutoOPERATOR for IMS 6.1.00	IMS/ESA 5.1 or higher MVS/ESA 5.1 or higher, or OS/390 2.0 or higher TSO/E Release 2.5 or higher
MAINVIEW AutoOPERATOR for MQSeries 6.1.00	MQSeries for MVS/ESA 1.1.4 or higher MVS/ESA 5.1 or higher, or OS/390 2.0 or higher TSO/E Release 2.5 or higher
MAINVIEW AutoOPERATOR for OS/390 6.1.00	VTAM 3.4.2, 4.3 or higher MVS/ESA 5.1 or higher, or OS/390 2.0 or higher TSO/E Release 2.5 or higher

Table 1. Software Requirements (Continued)

Product	Software required
MAINVIEW AutoOPERATOR TapeSHARE 6.1.00	MAINVIEW AutoOPERATOR for OS/390 6.1.00
MAINVIEW AutoOPERATOR execution in ISPF window	ISPF/PDF Release 4.2.0 or higher
MAINVIEW AutoOPERATOR Open Systems Procedural Interface (OSPI)	VTAM 3.4.2, 4.3 or higher
MAINVIEW AutoOPERATOR TCP Communications	TCP/IP 3.2 or higher
MAINVIEW Explorer 1.3.01	At least one of the following products is required: CMF MONITOR Online MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS MAINVIEW for IMSplex System Manager MAINVIEW for MQSeries MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW for WebSphere MAINVIEW VistaPoint
MAINVIEW FOCAL POINT 1.2.01 MAINVIEW FOCAL POINT execution in an ISPF window	ISPF/PDF Release 2.2 or higher MVS/XA (SP 2 or higher) or MVS/ESA (SP 3 or SP 4 or higher)
MAINVIEW for CICS 5.4.01	At least one of the following products is required: CICS/ESA 4.1.0, or CICS Transaction Server 1.1, 1.2, 1.3 MVS/ESA 4.2.2 or higher
MAINVIEW for DB2 7.1.00	At least one of the following products is required: DB2 3.1, 4.1, 5.1, 6.1, or 7.1 MVS/ESA 4.2 or higher or OS/390 1.1 or higher
MAINVIEW for DBCTL 3.3.00	IMS 5.1, 6.1, or 7.1 CICS/ESA 3.1, 3.2.1, 3.3, or 4.1 or CICS Transaction Server 1.1, 1.2, or 1.3 DB2 4.1, 5.1, 6.1, or 7.1 IRLM 1.5 or 2.1 MVS/ESA 4.2 or higher or OS/390 1.1 or higher
MAINVIEW for IMS Offline 3.3.00	IMS 5.1, 6.1, or 7.1 CICS/ESA 3.1, 3.2.1, 3.3, or 4.1 or CICS Transaction Server 1.1, 1.2, or 1.3 DB2 3.1, 4.1, 5.1, 6.1, or 7.1 MVS/ESA 4.2 or higher or OS/390 1.1 or higher

Table 1. Software Requirements (Continued)

Product	Software required
MAINVIEW for IMS Online 3.3.00	IMS 5.1, 6.1, or 7.1 CICS/ESA 3.1, 3.2.1, 3.3, or 4.1 or CICS Transaction Server 1.1, 1.2, or 1.3 DB2 3.1, 4.1, 5.1, 6.1, or 7.1 IRLM 1.5 or 2.1 MVS/ESA 4.2 or higher or OS/390 1.1 or higher
MAINVIEW for IP 1.1.00	OS/390 2.5 or higher TCP/IP
MAINVIEW for MQSeries 4.0.01	MQSeries for MVS 1.2.0 MQSeries for OS/390 2.1.0 or 5.2.0 Level 2-compliant distributed MQSeries MVS/ESA 4.2.2 or higher ISPF/PDF 2.2 or higher
MAINVIEW for OS/390 2.5.03	OS/390 1.2 or higher ISPF/PDF 3.5 or higher
MAINVIEW for UNIX System Services (USS) 1.1.01	OS/390 1.3 or higher ISPF/PDF 3.5 or higher
MAINVIEW for VTAM 1.2.00	ULTRAOPT 4.1.00 or higher MVS 4.3 through OS/390 2.9 or higher VTAM 4.3 or higher
MAINVIEW for WebSphere 1.2.00	OS/390 2.6 or higher IBM HTTP Server 5.0 or higher
MAINVIEW Storage Resource Manager (SRM) 6.1.01	OS/390 3.1 or higher OS/390 3.1 DFSMS or higher OS/390 3.1 TSO/E or higher OS/390 3.1 ISPF/PDF or higher
MAINVIEW SYSPROG Services 3.2.01	OS/390 1.2 or higher ISPF/PDF 3.5 or higher
MAINVIEW VistaPoint 1.1.04	MVS/ESA (SP4 or higher) ISPF/PDF 2.2 or higher
RxD2 2.1.00 RxD2/FlexTools RxD2/LINK	At least one release of DB2 3.1, 4.1, 5.1, 6.1, or 7.1 MVS/ESA 4.2 or higher or OS/390 1.1 or higher TSO/E Version 2.1 or higher ISPF/PDF 3.5 or higher

DASD Storage Requirements

This section describes how to define the DASD (direct access storage device) storage needed to install MAINVIEW products

The target and distribution library DASD storage requirements for MAINVIEW products are listed in [Table 2 on page 6](#). To determine the amount of DASD space needed, use the following formulas.

Primary Allocation Formula

The formula to determine the primary allocation of storage is as follows:

1. Use [Table 2 on page 6](#) to find the DASD storage estimates for each product being installed.

Note: If you are installing into run time libraries alone, use the DASD storage estimates in [Table 2](#) for the target libraries.

2. Total these estimates.

Note: If you are installing only one product or have no common code between products, skip [Step 3](#).

3. Establish whether common code exists between products by referring to [Table 3 on page 8](#). If common code does exist:

- a. Calculate the total excess common code DASD storage estimate. Go to [“DASD Storage Adjustments for Common Code” on page 8](#).

- b. Subtract the total excess common code DASD storage estimate from the total required DASD storage estimate. Go to [“Calculating Excess Common Code DASD Storage” on page 10](#).

4. Multiply the total by

- 150% for one product
- 140% for two products
- 130% for three products
- 125% for four or more products

5. Add 40 cylinders to factor in the space requirements for the SMP/E log and VSAM CSI data sets.

The final computation is the initial estimate for the complete SMP/E system.

Secondary Allocation Formula

The formula to determine the secondary allocation of storage for target libraries and distribution libraries is 25% of the primary allocation.

Storage is given in 3390 units in the following table. To convert 3390 to 3380, multiply by 1.22.

Table 2. DASD Storage Requirements

Product	Libraries	Required DASD storage	Total required DASD storage
CMF MONITOR 5.3.03	Target Libraries	185 cylinders	335 cylinders
	Distribution Libraries	150 cylinders	
Energizer for CICS 4.2.00	Target Libraries	24 cylinders	50 cylinders
	Distribution Libraries	26 cylinders	
InTune 2.2.10	Target Libraries	30 cylinders	63 cylinders
	Distribution Libraries	33 cylinders	
MAINVIEW AutoOPERATOR 6.1.00	Target Libraries	80 cylinders	175 cylinders
	Distribution Libraries	95 cylinders	
MAINVIEW Explorer 1.3.01	Target Libraries	15 cylinders	35 cylinders
	Distribution Libraries	20 cylinders	
MAINVIEW FOCAL POINT 1.2.01	Target Libraries	26 cylinders	59 cylinders
	Distribution Libraries	33 cylinders	
MAINVIEW for CICS 5.4.01	Target Libraries	175 cylinders	335 cylinders
	Distribution Libraries	160 cylinders	
MAINVIEW for DB2 7.1.00	Target Libraries	200 cylinders	375 cylinders
	Distribution Libraries	175 cylinders	
MAINVIEW for DBCTL 3.3.00	Target Libraries	155 cylinders	325 cylinders
	Distribution Libraries	170 cylinders	
MAINVIEW for IMS Offline 3.3.00	Target Libraries	35 cylinders	70 cylinders
	Distribution Libraries	35 cylinders	
MAINVIEW for IMS Online 3.3.00	Target Libraries	155 cylinders	325 cylinders
	Distribution Libraries	170 cylinders	
MAINVIEW for IP 1.1.00	Target Libraries	100 cylinders	180 cylinders
	Distribution Libraries	80 cylinders	

Table 2. DASD Storage Requirements (Continued)

Product	Libraries	Required DASD storage	Total required DASD storage
MAINVIEW for MQSeries 4.0.01	Target Libraries	110 cylinders	205 cylinders
	Distribution Libraries	95 cylinders	
MAINVIEW for OS/390 2.5.03	Target Libraries	200 cylinders	365 cylinders
	Distribution Libraries	165 cylinders	
MAINVIEW for UNIX System Services 1.1.01	Target Libraries	195 cylinders	350 cylinders
	Distribution Libraries	155 cylinders	
MAINVIEW for VTAM 1.2.00	Target Libraries	95 cylinders	170 cylinders
	Distribution Libraries	75 cylinders * Prerequisite product, ULTRAOPT 4.1.00, requires 35 cylinders for Distribution Libraries	
MAINVIEW for WebSphere 1.2.00	Target Libraries	105 cylinders	190 cylinders
	Distribution Libraries	85 cylinders	
MAINVIEW Storage Resource Manager (SRM) 6.1.01	Target Libraries	100 cylinders	170 cylinders
	Distribution Libraries	70 cylinders	
MAINVIEW SYSPROG Services 3.2.01	Target Libraries	170 cylinders	305 cylinders
	Distribution Libraries	135 cylinders	
MAINVIEW VistaPoint 1.1.04	Target Libraries	100 cylinders	180 cylinders
	Distribution Libraries	80 cylinders	
RxD2/Flex Tools 2.1.00	Target Libraries	15 cylinders	30 cylinders
	Distribution Libraries	15 cylinders	
RxD2/LINK 2.1.00	Target Libraries	10 cylinders	20 cylinders
	Distribution Libraries	10 cylinders	

DASD Storage Adjustments for Common Code

If you are installing multiple MAINVIEW products, or have other BMC Software products currently installed on your system, common code may exist between them. During the installation of your products, only one copy of the common code is installed on a single system. The total DASD storage estimates for each product (see [Table 2 on page 6](#)) includes the space estimates for excess instances of common code. In order to accurately estimate the amount of DASD storage needed to install your MAINVIEW products, excess common code DASD estimates must be calculated and *subtracted* from the total DASD storage estimate.

[Table 3](#) lists the common code for each product and the amount of DASD storage the common code uses.

Table 3. Products and Common Code Values

Common code	Products	Storage in cylinders		
		Target Library	Distribution Library	Total common code DASD storage
BMC Software Intercommunications (BBI) 2.6.00	MAINVIEW AutoOPERATOR MAINVIEW FOCAL POINT MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for MQSeries	15	20	35
MAINVIEW Infrastructure (MVI) 3.3.00	CMF MONITOR MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for IMSplex System Manager MAINVIEW for IP MAINVIEW for MQSeries MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW for WebSphere MAINVIEW Storage Resource Manager MAINVIEW SYSPROG Services MAINVIEW VistaPoint	70	55	125

Table 3. Products and Common Code Values (Continued)

Common code	Products	Storage in cylinders		
		Target Library	Distribution Library	Total common code DASD storage
BMC Software License Facility	CMF MONITOR Energizer for CICS MAINVIEW FOCAL POINT MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for IP MAINVIEW for MQSeries MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW for WebSphere MAINVIEW SYSPROG Services MAINVIEW VistaPoint	10	10	20
MAINVIEW Alarm Manager	MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for IMSplex System Manager MAINVIEW for MQSeries MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW SYSPROG Services MAINVIEW VistaPoint	12	11	23
MAINVIEW Alternate Access	CMF MONITOR InTune MAINVIEW AutoOPERATOR MAINVIEW FOCAL POINT MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for IMSplex System Manager MAINVIEW for MQSeries MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW SYSPROG Services MAINVIEW VistaPoint	2	3	5
CMF Analyzer Component 5.3.03	CMF MONITOR	10	10	20
CMF Extractor Component 5.3.03	CMF MONITOR MAINVIEW for OS/390	51	55	106

Table 3. Products and Common Code Values (Continued)

Common code	Products	Storage in cylinders		
		Target Library	Distribution Library	Total common code DASD storage
Online Transaction Processing (OLTP) Component 2.1.00	MAINVIEW AutoOPERATOR MAINVIEW for CICS MAINVIEW for IMS Online	5	5	10
@DAM Component 4.1.00	CMF MONITOR InTune	3	3	6

Calculating Excess Common Code DASD Storage

To estimate the amount of DASD storage needed to install your MAINVIEW products, you need to deduct the total excess common code DASD storage from the total DASD storage estimate. To find the estimate, perform the following:

For each common code element listed in [Table 3 on page 8](#):

1. Identify the common code for each product.
2. Count the number of products you are installing within each common code category.

For example, MAINVIEW AutoOPERATOR, CMF MONITOR, and MAINVIEW for OS/390 are three of the products that share MAINVIEW Alternate Access common code, as shown in [Table 4 on page 11](#). For a complete list of products that use MAINVIEW Alternate Access common code, see [Table 3 on page 8](#).

As another example, CMF MONITOR and MAINVIEW for OS/390 share CMF Extractor common code, as shown in [Table 5 on page 11](#).

3. Calculate the excess common code DASD storage subtotal, using the following formula:

$$C = (P - 1) * A$$

where:

C = total excess common code DASD storage subtotal in cylinders

P = the number of products being installed that are listed in the common code category

A = the common code value for one product in cylinders

Table 4. Calculating DASD Storage for MAINVIEW Alternate Access

Common code	Products	Common code DASD storage for MAINVIEW Alternate Access	Excess common code DASD storage estimate
MAINVIEW Alternate Access	CMF MONITOR	5 cylinders (not excess)	
	MAINVIEW AutoOPERATOR	5 cylinders	5 cylinders
	MAINVIEW for OS/390	5 cylinders	5 cylinders
Excess common code DASD storage subtotal (for MAINVIEW Alternate Access)			10 cylinders
Calculation is (3 - 1) * 5 = 10 cylinders			

Table 5. Calculating DASD Storage for CMF Extractor

Common code	Products	Common code DASD storage for CMF Extractor	Excess common code DASD storage estimate
CMF Extractor	CMF MONITOR	112 cylinders (not excess)	
	MAINVIEW for OS/390	112 cylinders	112 cylinders
Excess common code DASD storage subtotal (for CMF Extractor)			112 cylinders
Calculation is (2 - 1) * 112 = 112 cylinders			

4. Add the excess common code subtotals to obtain the total excess common code calculation.

For example, in [Table 4](#) the excess common code for MAINVIEW Alternate Access is 10 cylinders. In [Table 5](#), the excess common code for CMF Extractor is 112 cylinders. The total excess common code DASD storage is the sum of these or 122 cylinders (10 + 112 = 122).

5. Return to “[Primary Allocation Formula](#)” on [page 5](#) and continue with [Step 4](#).

Virtual Storage Estimates

This section describes how to estimate the virtual storage required to operate MAINVIEW products. Table 6 provides virtual storage estimates for SMP/E-formatted products. Add storage required for installed components only.

Table 6. Virtual Storage Estimates

Product	Virtual storage estimates		
CMF MONITOR		CSA	ECSA
	CAS	16K	2770K
	MVS PAS	12K+	2050K+*
	MAINVIEW Alarm Manager PAS	0K	23K
	BBX	20K	200K+**
	UAS	0K	***
	<p>* Plus value per CSA parameter of the REPORT control statement</p> <p>** Plus 32 bytes multiplied by the number of UCBs.</p> <p>*** If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.</p>		
	<p>Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.</p>		
Energizer for CICS	<p>For the Reporting Address Space:</p> <ul style="list-style-type: none"> - 9500 bytes of ECSA for the Base Area - 9250 bytes of ECSA for each CICS system defined with the NUMCICS parameter (The default is 10 CICS systems) 		
InTune	<p>When InTune is not monitoring a job:</p> <ul style="list-style-type: none"> - 4K of CSA - 8K of ECSA <p>For each monitor invoked:</p> <ul style="list-style-type: none"> - 4K of SQA - 160K of ECSA <p>Waiting monitors use no SQA or ECSA.</p>		

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates
MAINVIEW Alarm Manager	128 bytes of CSA 15KB of ECSA 2444KB of private area storage
MAINVIEW Alternate Access	4MB of private area storage 128 bytes of CSA for the LAS 384 bytes of CSA for each VTAM TAS 6K CSA for all EXCP processing
MAINVIEW AutoOPERATOR	<ul style="list-style-type: none"> • Per NetView target systems 320K plus an additional 10K for every user logged on through a TS or active thread. An OST can run in as little as 16K. • Per BBI-SS PAS (with MAO, IAO, CAO, and Access NV) 2500K private area storage <ul style="list-style-type: none"> – 30K CSA (subpool 231 and subpool 241) – 190K ECSA • Per TS 2500K private area storage <ul style="list-style-type: none"> – For each group of 12 active TSs or fraction thereof: 8K ECSA (subpool 241) – For each active TS: 4K CSA (subpool 238 and subpool 241) • Per CICS target systems 0K CSA • Per IMS target systems 45K IMS control region private storage 2.5K CSA (subpool 241)
MAINVIEW Explorer	256KB of extended private storage per client connection

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates
MAINVIEW FOCAL POINT	<p>Private area storage:</p> <ul style="list-style-type: none"> • Per BBI-SS PAS 70K in the BBI-SS PAS • Per TS 20K + (NTGT * (NMON * 5 bytes)+80 bytes) + 23 bytes * NMONOV) <p>where</p> <p>NTGT Is the number of defined targets. NMON Is the number of global monitors. NMONOV Is the number of monitor overrides.</p>

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates
MAINVIEW for CICS	<ul style="list-style-type: none"> • CSA and ECSA <ul style="list-style-type: none"> – Per each active BBI-SS PAS <ul style="list-style-type: none"> 45K MVS/XA CSA 40K MVS/XA ECSA 20K transient CSA (subpool 228) – Per CICS target system <ul style="list-style-type: none"> 1K CSA 5K ECSA – Per CAS <ul style="list-style-type: none"> 16K CSA 2770K ECSA • BBI-SS PAS private area storage <ul style="list-style-type: none"> – Base modules <ul style="list-style-type: none"> 2500K – Background problem services <ul style="list-style-type: none"> 4K extended private for every 50 problems logged – Data collection <ul style="list-style-type: none"> Graph monitor type <ul style="list-style-type: none"> File: <ul style="list-style-type: none"> 206 bytes extended private for file resource Medium: <ul style="list-style-type: none"> 1,223 bytes extended private for medium resource Long: <ul style="list-style-type: none"> 2,483 bytes extended private for long resource DL/I: <ul style="list-style-type: none"> 3,086 bytes extended private for DL/I resource <p style="margin-left: 20px;">Additionally, 8K extended private for every 640 resources being monitored</p>

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates
MAINVIEW for DB2	<ul style="list-style-type: none"> • Per BBI-SS PAS <ul style="list-style-type: none"> 2500K private area storage – Each active BBI-SS PAS <ul style="list-style-type: none"> 10K CSA (subpool 241) 20K ECSA (subpool 241) • Per TS <ul style="list-style-type: none"> 2000K private area storage – Each active TS <ul style="list-style-type: none"> 8K ECSA (subpool 241) – Each group of 12 active TSs or fraction thereof <ul style="list-style-type: none"> 4K CSA (subpool 241) • Per CAS <ul style="list-style-type: none"> – 16K CSA – 2770K ECSA

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates
MAINVIEW for DBCTL	<ul style="list-style-type: none"> • Event Collector <ul style="list-style-type: none"> – IMS 4.1 (MAINVIEW for DBCTL 3.2.00 only) 62K ECSA, 20K CSA (subpool 231) – IMS 5.1 66K ECSA, 16K CSA (subpool 231) – IMS 6.1 66K ECSA, 16K CSA (subpool 231) – IMS 7.1 (MAINVIEW for DBCTL 3.3.00 only) 66K ECSA, 16K CSA (subpool 231) – Fast Path support 10K ECSA (subpool 231) – Each active dependent region 5K ECSA (subpool 231) • MAINVIEW AutoOPERATOR for IMS support for IMS 5.1 <ul style="list-style-type: none"> – See MAINVIEW AutoOPERATOR estimates • Per BBI-SS PAS <ul style="list-style-type: none"> – 2500K private area storage – Each active BBI-SS PAS 10K CSA (subpool 241) 25K ECSA (subpool 241 add to CSA if not MVS/XA) • Per TS <ul style="list-style-type: none"> 1000K private area storage – Each active TS 8K ECSA (subpool 241) – Each group of 12 active TSs or fraction thereof 4K CSA (subpool 241)

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates
MAINVIEW for IMS Online	<ul style="list-style-type: none"> • IMF AOI Exit <ul style="list-style-type: none"> 2.5K IMS nucleus 10K IMS control region private storage 7K CSA (subpool 241) • Event Collector <ul style="list-style-type: none"> – IMS 5.1 <ul style="list-style-type: none"> 66K ECSA, 16K CSA (subpool 231) – IMS 6.1 <ul style="list-style-type: none"> 66K ECSA, 16K CSA (subpool 231) – IMS 7.1 <ul style="list-style-type: none"> 66K ECSA, 16K CSA (subpool 231) – Fast Path support <ul style="list-style-type: none"> 10K ECSA (subpool 231) – Each active dependent region <ul style="list-style-type: none"> 5K ECSA (subpool 231) • Each active IMS WORKLOAD ANALYZER (WA) MWAIT monitor <ul style="list-style-type: none"> 5.2K CSA (subpool 241) • Any active WA detail trace (MTRAC) <ul style="list-style-type: none"> TRBUFF * TRSIZE ECSA (subpool 241) Specified in BBPARM member BBIISP00 • Per CAS <ul style="list-style-type: none"> – 16K CSA – 2770K ECSA • Per BBI-SS PAS <ul style="list-style-type: none"> – 2500K private area storage – Each active BBI-SS PAS <ul style="list-style-type: none"> 10K CSA (subpool 241) 25K ECSA (subpool 241) • Per TS <ul style="list-style-type: none"> – 1000K private area storage – Each active TS <ul style="list-style-type: none"> 8K ECSA (subpool 241) – Each group of 12 active TSs or fraction thereof <ul style="list-style-type: none"> 4K CSA (subpool 241)
MAINVIEW for MQSeries	16K of CSA for the CAS 2770K of ECSA for the CAS 42K of ECSA for the PAS 180K of ECSA for each MVS Queue Manager

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates	
MAINVIEW for OS/390		CSA ECSA
	CAS	16K 2770K
	MVS	
	PAS	12K+ 2050K+*
	MAINVIEW	
	Alarm	
	Manager	
	PAS	0K 23K
	BBX	20K 200K+**
	UAS	0K ***
<p>* Plus value per CSA parameter of the REPORT control statement</p> <p>** Plus 32 bytes multiplied by the number of UCBs.</p> <p>*** If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.</p>		
<p>Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.</p>		

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates		
MAINVIEW for UNIX System Services (USS)		CSA	ECSA
	CAS	16K	2770K
	MVS		
	PAS	12K+	2050K+*
	MAINVIEW		
	Alarm		
	Manager		
	PAS	0K	23K
	BBX	20K	200K+**
	UAS	0K	***
<p data-bbox="722 766 1388 829">* Plus value per CSA parameter of the REPORT control statement</p> <p data-bbox="722 829 1339 861">** Plus 32 bytes multiplied by the number of UCBs.</p> <p data-bbox="722 861 1388 987">*** If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.</p> <p data-bbox="678 1018 1372 1113">Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.</p>			
MAINVIEW Storage Resource Manager (SRM) (without SG-Control)	75K CSA 967K ECSA		
MAINVIEW Storage Resource Manager (SRM) (with SG-Control)	80K CSA 1099K ECSA		

Table 6. Virtual Storage Estimates (Continued)

Product	Virtual storage estimates			
MAINVIEW SYSPROG Services		CSA ECSA		
		CAS	16K 2770K	
	MVS PAS	12K+	2050K+*	
		MAINVIEW Alarm Manager PAS	0K	23K
	BBX		20K	200K+**
			UAS	0K
		*		Plus value per CSA parameter of the REPORT control statement
		**	Plus 32 bytes multiplied by the number of UCBs.	
		***	If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.	
	Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.			
MAINVIEW VistaPoint	No additional CSA requirements beyond associated client products			
RxD2	65K additional private area storage			

System Requirements

You may need to make the following target system changes before installing and customizing your MAINVIEW products.

Before Installation

Before installing your MAINVIEW products, determine if your site security system controls access to tape data sets at the data set name level. If so, you must perform the following:

- Define a rule for each data set to provide read access (by first scanning the tape to determine the data set names).
- Execute the installation jobs using an authority level sufficient to provide generic read access.

Before Customization

If you are going to perform AutoCustomization, you must ensure write access to

- SYS1.PARMLIB
- A JES procedure library (SYS1.PROCLIB or equivalent)
- A previously APF-authorized load library
- SYS1.VTAMLST or equivalent for MAINVIEW Alternate Access

For information about AutoCustomization, see the *OS/390 and z/OS Installer Guide*.

Chapter 2. Product Libraries and SMP/E FMIDs

This chapter contains two reference tables of product information. [Table 7](#) lists the products and shows the FMIDs (function modification IDs) for each product. [Table 8 on page 30](#) lists the product target libraries and distribution libraries allocated to each product during installation.

Product FMIDs

[Table 7](#) contains an alphabetized list of MAINVIEW products and the corresponding FMIDs.

Table 7. Product-to-FMID Cross-Reference List

Product	FMIDs
CMF MONITOR 5.3.03	BBAAA20 BBAPW32 BBBBX16 BBGAD41 BBHZZ11 BBMCA53 BBMCH53 BBMC353 BBMCX53 BBMDA20 BBMDX20 BBPCM53 BBTES13 BBTTC11 BBVVT31 BBYAB54 BBYDZ26 BBYZB33 BBYZX33 BBYZZ33 LSCR50I
Energizer for CICS 4.2.00	BBAAA20 BBAPW32 BBCAT42
InTune 2.2.10	BBAAA20 BBMTN21 BBGAD41
MAINVIEW Alarm Manager 1.1.00	BBAAA20 BBHZZ11 BBYZX33 LSCR50I
MAINVIEW Alternate Access 3.1.00	BBAAA20 BBVVT31

Table 7. Product-to-FMID Cross-Reference List (Continued)

Product	FMIDs
MAINVIEW AutoOPERATOR 6.1.00 (for CICS, IMS, MQSeries, OS/390, Access NV, and TapeSHARE)	BBAAA20 BBBBX16 BBIIS25 BBISS26 BBMRX32 BBOAO61 BBTTC11 BBVVT31 BBZCB21 BBZIB11
MAINVIEW Explorer 1.3.01	None (FMID BBTES13 and BBTTC11 included with client product)
MAINVIEW FOCAL POINT 1.2.01	BBAAA20 BBAPW32 BBIIS25 BBISS26 BBVVT31 BBWF112 BBWFP12
MAINVIEW for CICS 5.4.01	BBAAA20 BBAPW32 BBBBX16 BBCBK54 BBCC154 BBCCL54 BBCIS54 BBCMR54 BBCXT54 BBHZZ11 BBIIS25 BBISS26 BBLBQ11 BBTES12 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 BBZCB21 BBZIB11

Table 7. Product-to-FMID Cross-Reference List (Continued)

Product	FMIDs
MAINVIEW for DB2 7.1.00	BBAAA20 BBAPW32 BBBBX16 BBDD071 BBDDB71 BBDDP71 BBDDS71 BBDDZ71 BBHZZ11 BBIIS25 BBISS26 BBLBQ11 BBTES13 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 LSCR50I
MAINVIEW for DBCTL 3.3.00	BBAAA20 BBBBX16 BBHZZ11 BBIEC33 BBIIM33 BBIIS25 BBISS26 BBKWF33 BBLBQ11 BBLBF11 BBTES12 BBTTC11 BBVVT31 BBYZX33 BBYZZ33 BBZCB21 BBZIB11 LSCR50I
MAINVIEW for IMS Offline 3.3.00	BBAAA20 BBICB33 BBIEC33 BBIPD33 BBIPR33 BBITA33 BBITD33 BBZCB21 BBZIB11

Table 7. Product-to-FMID Cross-Reference List (Continued)

Product	FMIDs
MAINVIEW for IMS Online 3.3.00	BBAAA20 BBBBX16 BBHZZ11 BBIEC33 BBIIM33 BBIIS25 BBISS26 BBKWF33 BBLBQ11 BBLBF11 BBTES12 BBTTC11 BBVVT31 BBYZX33 BBYZZ33 BBZCB21 BBZIB11 LSCR50I
MAINVIEW for IP 1.1.00	BBAAA20 BBBBX16 BBNIO11 BBTES12 BBTTC11 BBYZB33 BBYZX33 BBYZZ33 BCSS330 LSCR50I
MAINVIEW for MQSeries 4.0.01	BBAAA20 BBAPW32 BBBBX16 BBHZZ11 BBIIS25 BBISS26 BBLAG40 BBLBQ11 BBLHK13 BBLMQ40 BBLST13 BBTES12 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Continued)

Product	FMIDs
MAINVIEW for OS/390 2.5.03	BBAAA20 BBAPW32 BBBBX16 BBHZZ11 BBMAS32 BBMC353 BBMCX53 BBMDX20 BBMPT15 BBMRS32 BBMRX32 BBMS132 BBTES13 BBTTC11 BBVVT31 BBYAA26 BBYDZ26 BBYM326 BBYZB33 BBYZX33 BBYZZ33 LSCR50I
MAINVIEW for UNIX System Services 1.1.01	BBAAA20 BBAPW32 BBBBX16 BBHZZ11 BBMCX53 BBTES13 BBTTC11 BBVVT31 BBYDZ26 BBYU111 BBYUX11 BBYZB33 BBYZX33 BBYZZ33 LSCR50I
MAINVIEW for VTAM 1.2.00	BBAAA20 BBBBX16 BBNU011 BBTES12 BBTTC11 BBYZB33 BBYZX33 BBYZZ33 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Continued)

Product	FMIDs
MAINVIEW for WebSphere 1.2.00	BBAAA20 BBAPW32 BBASC60 BBBBX16 BBHZZ11 BBNWB12 BBSTMCG BBTES13 BBTTC11 BBYZB33 BBYZX33 BBYZZ33 LSCR50I
MAINVIEW Storage Resource Manager (SRM) 6.1.01 (for EasyHSM, EasyPOOL, EasySMS, StopX37/II, StorageGUARD, SG-Control, SG-Auto, DMS2HSM, Enterprise Storage Automation)	BBAAA20 BBASC60 BBGAD41 BBGCO61 BBGPR61 BBGSC61 BBGSD61 BBGSV61
MAINVIEW SYSPROG Services 3.2.01	BBAAA20 BBAPW32 BBBBX16 BBHZZ11 BBMAS32 BBMRS32 BBMRX32 BBMS132 BBTES13 BBTTC11 BBVVT31 BBYDZ26 BBYZB33 BBYZX33 BBYZZ33 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Continued)

Product	FMIDs
MAINVIEW VistaPoint 1.1.04	BBAAA20 BBAPW32 BBBBX16 BBHZZ11 BBLBJ11 BBLBQ11 BBLV411 BBTES13 BBTTC11 BBVVT31 BBYZX33 BBYZZ33 LSCR50I
RxD2 2.1.00 RxD2 /FlexTools RxD2/LINK	BBAAA20 BBDFT21 BBAAA20 BBDBA21

Product Target Libraries and Distribution Libraries

Table 8 lists the product target libraries and distribution libraries allocated to a product during installation.

Table 8. Product Target and Distribution Libraries

Product	Target library	Distribution library
CMF MONITOR 5.3.03	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
Energizer for CICS 4.2.00	BBCLIB BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBSAMP BBSLIB BBTLIB	ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBSAMP ABBSLIB ABBTLIB
InTune 2.2.10	BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROC BBSAMP BBSLIB BBTLIB	ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROC ABBSAMP ABBSLIB ABBTLIB

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW AutoOPERATOR 6.1.00 (for CICS, IMS, MQSeries, OS/390, Access NV, and TapeSHARE)	BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROC BBPROF BBSAMP BBSLIB BBSRC BBTLIB BBUSER	ABBCLIB AALCMOD ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROC ABBPROF ABBSAMP ABBSLIB ABBSRC ABBTLIB ABBUSER
MAINVIEW Alarm Manager 1.1.00	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
MAINVIEW Alternate Access 3.1.00	BBCLIB BBLINK BBPARM BBPLIB BBSAMP BBTLIB	ABBCLIB ABBLINK ABBPARM ABBPLIB ABBSAMP ABBTLIB
MAINVIEW Explorer 1.3.01	Libraries included in client product	Libraries included in client product

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW FOCAL POINT 1.2.01	BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	AALCMOD ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB
MAINVIEW for CICS 5.4.01	BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	ABBCLIB AALCMOD ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB
MAINVIEW for DB2 7.1.00	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSDEF BBSLIB BBTLIB BBVDEF BBYCOPY SASCOSMOD	AALCMOD ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSDEF ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW for DBCTL 3.3.00	BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	AALCMOD ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB
MAINVIEW for IMS Offline 3.3.00	BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC* BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	ABBCLIB AALCMOD ABBILIB ABBLINK ABBLOAD ABBMAC* ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB
MAINVIEW for IMS Online 3.3.00	BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC* BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB * The BBMAC and ABBMAC libraries are allocated only for the Resource Analyzer component.	ABBCLIB AALCMOD ABBILIB ABBLINK ABBLOAD ABBMAC* ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW for IP 1.1.00	BBACTDEF BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROC BBPROF BBSAMP BBSDEF BBSLIB BBSRC BBTLIB BBUSER BBVDEF BBVSAM BBYCOPY SASCOMOD	AALCMOD ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBROC ABBSAMP ABBSDEF ABBSLIB ABBSRC ABBTLIB ABBUSER ABBVDEF ABBVSAM ASACOBM ASACOMM ASACOSM
MAINVIEW for MQSeries 4.0.01	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSDEF BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSDEF ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW for OS/390 2.5.03	BBACTDEF BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBSRC BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBSRC ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
MAINVIEW for UNIX System Services 1.1.01	BBACTDEF BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBSRC BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBSRC ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW for VTAM 1.2.00	BBACTDEF BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROC BBPROF BBSAMP BBSDEF BBSLIB BBSRC BBTLIB BBUSER BBVDEF BBVSAM BBYCOPY SASCOMOD	AALCMOD ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBROC ABBSAMP ABBSDEF ABBSLIB ABBSRC ABBTLIB ABBUSER ABBVDEF ABBVSAM ASACOBM ASACOMM ASACOSM
MAINVIEW for WebSphere 1.2.00	BBACTDEF BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROC BBPROF BBSAMP BBSDEF BBSLIB BBSRC BBTLIB BBUSER BBVDEF BBVSAM BBYCOPY SASCOMOD	AALCMOD ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROC ABBPROF ABBSAMP ABBSDEF ABBSLIB ABBSRC ABBTLIB ABBUSER ABBVDEF ABBVSAM ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW Storage Resource Manager (SRM) 6.1.01 (for EasyHMS, EasyPOOL, EasySMS StopX3/II, StorageGUARD, SG-Control, SG-Auto, DMS2HSM, Enterprise Storage Automation)	BBCLIB BBLIB BBLINK BBILIB BBLOAD BBHELP BBMLIB BBPARAM BBPLIB BBSAMP BBTLIB	ABBCLIB ABBLIB ABBLINK ABBILIB ABBLOAD ABBHELP ABBMLIB ABBPARAM ABBPLIB ABBSAMP ABBTLIB
MAINVIEW SYSPROG Services 3.2.01	BBACTDEF BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBSRC BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBSRC ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Continued)

Product	Target library	Distribution library
MAINVIEW VistaPoint 1.1.04	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSDEF BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSEDEF ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
RxD2 1.1.00 and 2.1.00 RxD2/FlexTools RxD2/LINK	BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	AALCMOD ABBCLIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBSCR ABBTLIB

Glossary

This glossary defines BMC Software terminology. Other dictionaries and glossaries may be used in conjunction with this glossary.

Since this glossary pertains to BMC Software-related products, some of the terms defined may not appear in this book.

To help you find the information you need, this glossary uses the following cross-references:

Contrast with	Indicates a term that has a contrary or contradictory meaning.
See	Indicates an entry that is a synonym or contains expanded information.
See also	Indicates an entry that contains related information.

A

action. Defined operation, such as modifying a MAINVIEW window, that is performed in response to a command. *See* object.

active window. Any MAINVIEW window in which data can be refreshed. *See* alternate window, current window, window.

administrative view. Display from which a product's management tasks are performed, such as the DSLIST view for managing historical data sets. *See* view.

ALT WIN field. Input field that allows you to specify the window identifier for an alternate window where the results of a hyperlink are displayed. *See* alternate window.

Alternate Access. *See* MAINVIEW Alternate Access.

alternate form. View requested through the FORM command that changes the format of a previously displayed view to show related information. *See also* form, query.

alternate window. (1) Window that is specifically selected to display the results of a hyperlink. (2) Window whose identifier is defined to the ALT WIN field. *Contrast with* current window. *See* active window, window, ALT WIN field.

analyzer. (1) Online display that presents a snapshot of status and activity data and indicates problem areas. (2) Component of CMF MONITOR. *See* CMF MONITOR Analyzer.

application. (1) Program that performs a specific set of tasks within a MAINVIEW product. (2) In MAINVIEW VistaPoint, combination of workloads to enable display of their transaction performance data in a single view.

application trace. *See* trace.

ASCH workload. Workload comprising Advanced Program-to-Program Communication (APPC) address spaces.

AutoCustomization. Online facility for customizing the installation of products. AutoCustomization provides an ISPF panel interface that both presents customization steps in sequence and provides current status information about the progress of the installation.

automatic screen update. Usage mode wherein the currently displayed screen is refreshed automatically with new data at an interval you specify. Invoked by the ASU command.

B

batch workload. Workload consisting of address spaces running batch jobs.

BBI. Basic architecture that distributes work between workstations and multiple OS/390 targets for BMC Software MAINVIEW products.

BBI-SS PAS. *See* BBI subsystem product address space.

BBI subsystem product address space (BBI-SS PAS). OS/390 subsystem address space that manages communication between local and remote systems and that contains one or more of the following products:

- Command MQ for S/390
- MAINVIEW AutoOPERATOR
- MAINVIEW for CICS
- MAINVIEW for DB2
- MAINVIEW for DBCTL
- MAINVIEW for IMS Online
- MAINVIEW for MQSeries
- MAINVIEW VistaPoint (for CICS, DB2, DBCTL, and IMS workloads)

BBPARM. *See* parameter library.

BBPROC. *See* procedure library.

BBPROF. *See* profile library.

BBSAMP. *See* sample library.

BBV. *See* MAINVIEW Alternate Access.

BBXS. BMC Software Subsystem Services. Common set of service routines loaded into common storage and used by several BMC Software MAINVIEW products.

border. Visual indication of the boundaries of a window.

bottleneck analysis. Process of determining which resources have insufficient capacity to provide acceptable service levels and that therefore can cause performance problems.

C

CA-Disk. Data management system by Computer Associates that replaced the DMS product.

CAS. Coordinating address space. One of the address spaces used by the MAINVIEW windows environment architecture. The CAS supplies common services and enables communication between linked systems. Each OS/390 image requires a separate CAS. Cross-system communication is established through the CAS using VTAM and XCF communication links.

CFMON. *See* coupling facility monitoring.

chart. Display format for graphical data. *See also* graph.

CICSplex. User-defined set of one or more CICS systems that are controlled and managed as a single functional entity.

CMF MONITOR. Comprehensive Management Facility MONITOR. Product that measures and reports on all critical system resources, such as CPU, channel, and device usage; memory, paging, and swapping activity; and workload performance.

CMF MONITOR Analyzer. Batch component of CMF MONITOR that reads the SMF user and 70 series records created by the CMF MONITOR Extractor and/or the RMF Extractor and formats them into printed system performance reports.

CMF MONITOR Extractor. Component of CMF that collects performance statistics for CMF MONITOR Analyzer, CMF MONITOR Online, MAINVIEW for OS/390, and RMF postprocessor. *See* CMF MONITOR Analyzer, CMF MONITOR Online, MAINVIEW for OS/390.

CMF MONITOR Online. Component of CMF that uses the MAINVIEW window interface to present data on all address spaces, their use of various system resources, and the delays that each address space incurs while waiting for access to these resources. *See* CMF MONITOR, MAINVIEW for OS/390.

CMF Type 79 API. Application programming interface, provided by CMF, that provides access to MAINVIEW SMF-type 79 records.

CMFMON. Component of CMF MONITOR that simplifies online retrieval of information about system hardware and application performance and creates MAINVIEW SMF-type 79 records.

The CMFMON *online facility* can be used to view data in one or more formatted screens.

The CMFMON *write facility* can be used to write collected data as MAINVIEW SMF-type 79 records to an SMF or sequential data set.

CMRDETL. MAINVIEW for CICS data set that stores detail transaction records (type 6E) and abend records (type 6D). Detail records are logged for each successful transaction. Abend records are written when an abend occurs. Both records have the same format when stored on CMRDETL.

CMRSTAT. MAINVIEW for CICS data set that stores both CICS operational statistic records, at 5-minute intervals, and other records, at intervals defined by parameters specified during customization (using CMRSOPT).

column. Vertical component of a view or display, typically containing fields of the same type of information, that varies by the objects associated in each row.

collection interval. Length of time data is collected. *See also* delta mode, total mode.

command delimiter. Special character, usually a ; (semicolon), used to stack commands typed concurrently on the COMMAND line for sequential execution.

COMMAND line. Line in the control area of the display screen where primary commands can be typed. *Contrast with* line command column.

Command MQ Automation D/S. Command MQ agents, which provide local proactive monitoring for both MQSeries and MSMQ (Microsoft message queue manager). The Command MQ agents operate at the local node level where they continue to perform functions regardless of the availability of the MQM (message queue manager) network. Functionality includes automatic monitoring and restarts of channels, queue managers, queues and command servers. In cases where automated recovery is not possible, the agents transport critical alert information to a central console.

Command MQ Automation S/390. Command MQ component, which monitors the MQM (message queue manager) networks and intercedes to perform corrective actions when problems arise. Solutions include:

- Dead-Letter Queue management
- System Queue Archival
- Service Interval Performance solutions
- Channel Availability

These solutions help ensure immediate relief to some of the most pressing MQM operations and performance problems.

Command MQ for D/S. Command MQ for D/S utilizes a true client/server architecture and employs resident agents to provide configuration, administration, performance monitoring and operations management for the MQM (message queue manager) network.

Command MQ for S/390. See MAINVIEW for MQSeries.

COMMON STORAGE MONITOR. Component of MAINVIEW for OS/390 that monitors usage and reconfigures OS/390 common storage blocks.

composite workload. Workload made up of a WLM workload or other workloads, which are called *constituent workloads*.

constituent workload. Member of a composite workload. Constituent workloads in a composite usually belong to a single workload class, but sometimes are mixed.

contention. Occurs when there are more requests for service than there are servers available.

context. In a Plex Manager view, field that contains the name of a target or group of targets specified with the CONTEXT command. See scope, service point, SSI context, target context.

CONTEXT command. Specifies either a MAINVIEW product and a specific target for that product (see target context) or a MAINVIEW product and a name representing one or more targets (see *SSI context*) for that product.

control statement. (1) Statement that interrupts a sequence of instructions and transfers control to another part of the program. (2) Statement that names samplers and other parameters that configure the MAINVIEW components to perform specified functions. (3) In CMF MONITOR, statement in a parameter library member used to identify a sampler in the extractor or a report in the analyzer, or to describe either component's processing requirements to the operating system.

coupling facility monitoring (CFMON). Coupling facility views that monitor the activity of your system's coupling facilities.

CPO. Customized Product Offering. Delivery and installation technique that allows any combination of BMC Software SMP/E-maintainable products to be distributed on a product tape to a customer and installed quickly. The CPO product tape contains libraries required for product customization and execution, plus SMP distribution libraries and data sets needed for application of SMP maintenance.

current data. Data that reflects the system in its current state. The two types of current data are realtime data and interval data. *Contrast with* historical data. See also interval data and realtime data.

current window. In the MAINVIEW window environment, window where the main dialog with the application takes place. The current window is used as the default window destination for commands issued on the COMMAND line when no window number is specified. *Contrast with* alternate window. See active window, window.

D

DASD. Direct Access Storage Device. (1) A device with rotating recording surfaces that provides immediate access to stored data. (2) Any device that responds to a DASD program.

DASD ADVISOR. An interactive software tool that diagnoses DASD performance problems and makes recommendations to reduce overall service time. This tool measures and reports on the operational performance of IBM and IBM-compatible devices.

data collector. Program that belongs to a MAINVIEW product and that collects data from various sources and stores the data in records used by views. For example, MAINVIEW for OS/390 data collectors obtain data from OS/390 services, OS/390 control blocks, CMF MONITOR Extractor control blocks, and other sources. *Contrast with* extractor.

delta mode. (1) In MAINVIEW for DB2 analyzer displays, difference between the value sampled at the start of the current statistics interval and the value sampled by the current analyzer request. See also *statistics interval*. (2) In CMFMON, usage mode wherein certain columns of data reflect the difference in values between one sample cycle and the next. Invoked by the DELTA ON command. See also collection interval, sample cycle, total mode.

DFSMS. (Data Facility Storage Management System) Data management, backup, and HSM software from IBM for OS/390 mainframes.

DMR. See MAINVIEW for DB2.

DMS. (Data Management System) See CA-Disk.

DMS2HSM. Component of MAINVIEW SRM that facilitates the conversion of CA-Disk, formerly known as DMS, to HSM.

DSO. Data Set Optimizer. CMF MONITOR Extractor component that uses CMF MONITOR Extractor data to produce reports specifying the optimal ordering of data sets on moveable head devices.

E

EasyHSM. Component of MAINVIEW SRM that provides online monitoring and reporting to help storage managers use DFHSM efficiently.

EasyPOOL. Component of MAINVIEW SRM that provides control over data set allocation and enforcement of allocation and naming standards. EasyPOOL functions operate at the operating system level to intercept normal job processing, thus providing services without any JCL changes.

EasySMS. Component of MAINVIEW SRM that provides tools that aid in the conversion of DFSMS and provides enhancements to the DFSMS environment after implementation. EasySMS consists of the EasyACS functions, the SMSACSTE function, and the Monitoring and Positioning Facility.

element. (1) Data component of a data collector record, shown in a view as a field. (2) Internal value of a field in a view, used in product functions.

element help. Online help for a field in a view. The preferred term is *field help*.

Enterprise Storage Automation. Component of MAINVIEW SRM that integrates powerful event management technology and storage monitoring technology to provide significant storage automation capabilities and solutions. Storage occurrences are defined to generate events in the form of messages that provide an early warning system for storage problems and are routed to MAINVIEW AutoOPERATOR to be viewed.

Event Collector. Component for MAINVIEW for IMS Online, MAINVIEW for IMS Offline, and MAINVIEW for DBCTL that collects data about events in the IMS environment. This data is required for Workload Monitor and optional for Workload Analyzer (except for the workload trace service). This data also is recorded as transaction records (X'FA') and program records (X'F9') on the IMS system log for later use by the MAINVIEW for IMS Offline components: Performance Reporter and Transaction Accountant.

expand. Predefined link from one display to a related display. *See also* hyperlink.

extractor. Program that collects data from various sources and keeps the data control blocks to be written as records. Extractors obtain data from services, control blocks, and other sources. *Contrast with* data collector.

extractor interval. *See* collection interval.

F

fast path. Predefined link between one screen and another. To use the fast path, place the cursor on a single value in a field and press Enter. The resulting screen displays more detailed information about the selected value. *See also* hyperlink.

field. Group of character positions within a screen or report used to type or display specific information.

field help. Online help describing the purpose or contents of a field on a screen. To display field help, place the cursor anywhere in a field and press PF1 (HELP). In some products, field help is accessible from the screen help that is displayed when you press PF1.

filter. Selection criteria used to limit the number of rows displayed in a view. Data that does not meet the selection criteria is not displayed. A filter is composed of an element, an operator, and an operand (a number or character string). Filters can be implemented in view customization, through the PARM/QPARM commands, or through the Where/QWhere commands. Filters are established against elements of data.

fixed field. Field that remains stationary at the left margin of a screen that is scrolled either right or left.

FOCAL POINT. MAINVIEW product that displays a summary of key performance indicators across systems, sites, and applications from a single terminal.

form. One of two constituent parts of a view; the other is query. A form defines how the data is presented; a query identifies the data required for the view. *See also* query, view.

full-screen mode. Display of a MAINVIEW product application or service on the entire screen. There is no window information line. *Contrast with* windows mode.

G

global command. Any MAINVIEW window interface command that can affect all windows in the window area of a MAINVIEW display.

graph. Graphical display of data that you select from a MAINVIEW window environment view. *See also* chart.

H

hilevel. For MAINVIEW products, high-level data set qualifier required by a site's naming conventions.

historical data. (1) Data that reflects the system as it existed at the end of a past recording interval or the duration of several intervals. (2) Any data stored in the historical database and retrieved using the TIME command. *Contrast with* current data, interval data and realtime data.

historical database. Collection of performance data written at the end of each installation-defined recording interval and containing up to 100 VSAM clusters. Data is extracted from the historical database with the TIME command. *See* historical data.

historical data set. In MAINVIEW products that display historical data, VSAM cluster file in which data is recorded at regular intervals.

HSM. (Hierarchical Storage Management) Automatic movement of files from hard disk to slower, less-expensive storage media. The typical hierarchy is from magnetic disk to optical disk to tape.

hyperlink. (1) Preset field in a view or an EXPAND line on a display that permits you to

- Access cursor-sensitive help
- Issue commands
- Link to another view or display

The transfer can be either within a single product or to a related display/view in a different MAINVIEW product. Generally, hyperlinked fields are highlighted. (2) Cursor-activated short path from a topic or term in online help to related information. *See also* fast path.

I

Image log. Collection of screen-display records. Image logs may be created for both the BBI-SS PAS and the BBI terminal session (TS).

The BBI-SS PAS Image log consists of two data sets that are used alternately: as one fills up, the other is used. Logging to the BBI-SS PAS Image log stops when both data sets are filled and the first data set is not processed by the archive program.

The TS Image log is a single data set that wraps around when full.

IMSPlex System Manager (IPSM). MVIMS Online and MVDBC service that provides Single System Image views of resources and bottlenecks for applications across one or more IMS regions and systems.

interval data. Cumulative data collected during a collection interval. Intervals usually last from 15 to 30 minutes depending on how the recording interval is specified during product customization. *Contrast with* historical data.

Note: If change is made to the workloads, a new interval will be started.

See also current data and realtime data.

InTune. Product for improving application program performance. It monitors the program and provides information used to reduce bottlenecks and delays.

IRUF. IMS Resource Utilization File (IRUF). IRUFs can be either detailed (one event, one record) or summarized (more than one event, one record). A detailed IRUF is created by processing the IMS system log through a program called IMFLEDIT. A summarized IRUF is created by processing one or more detailed IRUFs, one or more summarized IRUFs, or a combination of both, through a sort program and the TASCOSTR program.

J

job activity view. Report about address space consumption of resources. *See* view.

journal. Special-purpose data set that stores the chronological records of operator and system actions.

Journal log. Collection of messages. Journal logs are created for both the BBI-SS PAS and the BBI terminal session (TS).

The BBI-SS PAS Journal log consists of two data sets that are used alternately: as one fills up, the other is used. Logging to the BBI-SS PAS Journal log stops when both data sets are filled and the first data set is not being processed by the archive program.

The TS Journal log is a single data set that wraps around when full.

L

line command. Command that you type in the line command column in a view or display. Line commands initiate actions that apply to the data displayed in that particular row.

line command column. Command input column on the left side of a view or display. *Contrast with* COMMAND line.

Log Edit. In the MAINVIEW for IMS Offline program named IMFLEDIT, function that extracts transaction (X'FA') and program (X'F9') records from the IMS system log. IMFLEDIT also extracts certain records that were recorded on the system log by IMS. IMFLEDIT then formats the records into a file called the IMS Resource Utilization File (IRUF).

M

MAINVIEW. BMC Software integrated systems management architecture.

MAINVIEW Alarm Manager. In conjunction with other MAINVIEW products, notifies you when an exception condition occurs. MAINVIEW Alarm Manager is capable of monitoring multiple systems simultaneously, which means that MAINVIEW Alarm Manager installed on one system keeps track of your entire SYSPLEX. You can then display a single view that show exceptions for all MAINVIEW performance monitors within your OS/390 enterprise.

MAINVIEW Alternate Access. Enables MAINVIEW products to be used without TSO by providing access through EXCP and VTAM interfaces.

MAINVIEW AutoOPERATOR. Product that uses tools, techniques, and facilities to automate routine operator tasks and provide online performance monitoring, and that achieves high availability through error minimization, improved productivity, and problem prediction and prevention.

MAINVIEW control area. In the MAINVIEW window environment, first three lines at the top of the view containing the window information line and the COMMAND, SCROLL, CURR WIN, and ALT WIN lines. The control area cannot be customized and is part of the information display. *Contrast with* MAINVIEW display area, MAINVIEW window area.

MAINVIEW display area. *See* MAINVIEW window area.

MAINVIEW Explorer. Product that provides access to MAINVIEW products from a Web browser running under Windows. MAINVIEW Explorer replaces MAINVIEW Desktop.

MAINVIEW for CICS. Product (formerly MV MANAGER for CICS) that provides realtime application performance analysis and monitoring for CICS system management.

MAINVIEW for DB2. Product (formerly MV MANAGER for DB2) that provides realtime and historical application performance analysis and monitoring for DB2 subsystem management.

MAINVIEW for DBCTL. Product (formerly MV MANAGER for DBCTL) that provides realtime application performance analysis and monitoring for DBCTL management.

MAINVIEW for IMS (MVIMS) Offline. Product with a Performance Reporter component that organizes data and prints reports used to analyze IMS performance and a Transaction Accountant component that produces cost accounting and user charge-back records and reports.

MAINVIEW for IMS (MVIMS) Online. Product that provides realtime application performance analysis and monitoring for IMS management.

MAINVIEW for IP. Product that monitors OS/390 mission-critical application performance as it relates to IP stack usage. Collected data includes: connections, response time statistics, application availability, application throughput, and IP configuration.

MainView for MQSeries. Delivers comprehensive capabilities for configuration, administration, performance monitoring and operations management for an entire MQM (message queue manager) network.

MAINVIEW for OS/390. System management application (formerly MAINVIEW for MVS (prior to version 2.5)). Built upon the MAINVIEW window environment architecture, it uses the window interface to provide access to system performance data and other functions necessary in the overall management of an enterprise.

MAINVIEW for UNIX System Services. System management application that allows you to monitor the performance of the Unix System Services from a MAINVIEW window interface.

MAINVIEW for VTAM. Product that displays application performance data by application, transaction ID, and LU name. This collected data includes: connections, response time statistics, application availability, and application throughput.

MAINVIEW for WebSphere. Product that provides Web monitoring and management for applications integrated with IBM's WebSphere Application Server for OS/390.

MAINVIEW Selection Menu. ISPF selection panel that provides access to all MAINVIEW windows-mode and full-screen mode products.

MAINVIEW Storage Resource Manager (SRM). Suite of products that assist in all phases of OS/390 storage management. MAINVIEW SRM consists of components that perform automation, reporting, trend analysis, and error correction for storage management in OS/390.

MAINVIEW SYSPROG Services. *See* SYSPROG Services.

MAINVIEW VistaPoint. Product that provides enterprise-wide views of performance. Application and workload views are available for CICS, DB2, DBCTL, IMS, and OS/390. Data is summarized at the level of detail needed; e.g., reports may be for a single target, an OS/390 image, or an entire enterprise.

MAINVIEW window area. Portion of the information display that is not the control area and in which views are displayed and windows opened. It includes all but the first three lines of the information display. *Contrast with* MAINVIEW control area.

monitor. Online service that measures resources or workloads at user-defined intervals and issues warnings when user-defined thresholds are exceeded.

MV MANAGER for CICS. *See* MAINVIEW for CICS.

MV MANAGER for DB2. *See* MAINVIEW for DB2.

MVALARM. *See* MAINVIEW Alarm Manager.

MVCICS. *See* MAINVIEW for CICS.

MVDB2. *See* MAINVIEW for DB2.

MVDBC. *See* MAINVIEW for DBCTL.

MVIMS. *See* MAINVIEW for IMS.

MVMQ. *See* MAINVIEW for MQSeries

MVMVS. *See* MAINVIEW for OS/390.

MVScope. MAINVIEW for OS/390 application that traces both CPU usage down to the CSECT level and I/O usage down to the channel program level.

MVSRM. *See* MAINVIEW Storage Resource Manager (SRM).

MVSRMHSM. *See* EasyHSM.

MVSRMSGC. *See* SG-Control.

MVSRMSGD. *See* StorageGUARD.

MVSRMSGP. *See* StorageGUARD.

MVVP. *See* MAINVIEW VistaPoint.

MVVTAM. *See* MAINVIEW for VTAM.

MVWEB. *See* MAINVIEW for WebSphere.

N

nested help. Multiple layers of help pop-up windows. Each successive layer is accessed by hyperlinking from the previous layer.

O

object. Anything you can manipulate as a single unit. MAINVIEW objects can be any of the following: product, secondary window, view, row, column, or field.

You can issue an action against an object by issuing a line command in the line command column to the left of the object. *See* action.

OMVS workload. Workload consisting of OS/390 OpenEdition address spaces.

online help. Help information that is accessible online.

OS/390 and z/OS Installer. BMC Software common installation system for mainframe products.

OS/390 product address space (PAS). Address space containing OS/390 data collectors, including the CMF MONITOR Extractor. Used by MAINVIEW for OS/390, MAINVIEW for USS, and CMF MONITOR products. *See* PAS.

P

parameter library. Data set comprised of members containing parameters for specific MAINVIEW products or a support component. There can be several versions:

- The distributed parameter library, called BBPARAM
- A site-specific parameter library or libraries

These can be

- A library created by AutoCustomization, called UBBPARAM
- A library created manually, with a unique name

PAS. Product address space. Used by the MAINVIEW products. Contains data collectors and other product functions. *See* OS/390 product address space (PAS), BBI subsystem product address space (BBI-SS PAS).

performance group workload. MVS/SP-defined collection of address spaces. *See* service class workload, workload definition.

PERFORMANCE MANAGER. MAINVIEW for CICS online service for monitoring and managing current performance of CICS regions.

Performance Reporter (MVIMS Offline). MVIMS Offline component that organizes data and prints reports that can be used to analyze IMS performance.

Performance Reporter. Product component that generates offline batch reports. The following products can generate these reports:

- MAINVIEW for DB2
- MAINVIEW for CICS

Plex Manager. Product through which cross-system communication, MAINVIEW security, and an SSI context are established and controlled. Plex Manager is shipped with MAINVIEW window environment products as part of the coordinating address space (CAS) and is accessible as a menu option from the MAINVIEW Selection Menu.

pop-up window. Window containing help information that, when active, overlays part of the window area. A pop-up panel is displayed when you issue the HELP command.

PRGP workload. In MVS/SP 5.0 or earlier, or in compatibility mode in MVS/SP 5.1 or later, composite of service classes. MAINVIEW for OS/390 creates a performance group workload for each performance group defined in the current IEAIPStxx member.

procedure library. Data set comprised of members containing executable procedures used by MAINVIEW AutoOPERATOR. These procedures are execute command lists (EXECs) that automate site functions. There can be several versions:

- The distributed parameter library, called BBPROC
- A site-specific parameter library or libraries

These can be

- A library created by AutoCustomization, called UBBPROC
- A library created manually, with a unique name

The site-created EXECs can be either user-written or customized MAINVIEW AutoOPERATOR-supplied EXECs from BBPROC.

product address space. *See* PAS.

profile library. Data set comprised of members containing profile information and cycle refresh definitions for a terminal session connected to a BBI-SS PAS. Other members are dynamically created by MAINVIEW applications. There can be several versions:

- The distributed profile library, called BBPROF
- A site-specific profile library or libraries

These can be

- A library created by AutoCustomization, called SBBPROF
- A library created manually, with a unique name

The site library is a common profile shared by all site users. The terminal session CLIST creates a user profile automatically if one does not exist; it is called userid.BBPROF, where userid is your logon ID. User profile libraries allow each user to specify unique PF keys, CYCLE commands, target system defaults, a Primary Option Menu, and a unique set of application profiles.

Q

query. One of two constituent parts of a view; the other is form. A query defines the data for a view; a form defines the display format. *See also* form, view.

R

realtime data. Performance data as it exists at the moment of inquiry. Realtime data is recorded during the smallest unit of time for data collection. *Contrast with* historical data. *See also* current data and interval data.

Resource Analyzer. Online realtime displays used to analyze IMS resources and determine which are affected by specific workload problems.

Resource Monitor. Online data collection services used to monitor IMS resources and issue warnings when defined utilization thresholds are exceeded.

row. (1) Horizontal component of a view or display comprising all the fields pertaining to a single device, address space, user, etc. (2) Horizontal component of a DB2 table consisting of a sequence of values, one for each column of the table.

RxD2. Product that provides access to DB2 from REXX. It provides tools to query the DB2 catalog, issue dynamic SQL, test DB2 applications, analyze EXPLAIN data, generate DDL or DB2 utility JCL, edit DB2 table spaces, perform security administration, and much more.

S

sample cycle. Time between data samples.

For the CMF MONITOR Extractor, this is the time specified in the extractor control statements (usually 1 to 5 seconds).

For realtime data, the cycle is not fixed. Data is sampled each time you press Enter.

sample library. Data set comprised of members each of which contains one of the following:

- Sample JCL that can be edited to perform specific functions
- A macro that is referenced in the assembly of user-written services
- A sample user exit routine

There can be several versions:

- The distributed sample library, called BBSAMP
- A site-specific sample library or libraries

These can be

- A library created by AutoCustomization, called UBBSAMP
- A library created manually, with a unique name

sampler. Program that monitors a specific aspect of system performance. Includes utilization thresholds used by the Exception Monitor. The CMF MONITOR Extractor contains samplers.

SBBPROF. *See* profile library.

scope. Subset of an SSI context. The scope could be all the data for the context or a subset of data within the context. It is user- or site-defined. *See* SSI context, target.

screen definition. Configuration of one or more views that have been stored with the SAVEScr command and assigned a unique name. A screen includes the layout of the windows and the view, context, system, and product active in each window.

selection view. In MAINVIEW products, view displaying a list of available views.

service class workload. OS/390- or MAINVIEW for OS/390-defined collection of address spaces.

If you are running MVS Workload Manager (WLM) in goal mode, MAINVIEW for MVS creates a service class workload for each service class that you define through WLM definition dialogs.

If you are running MVS 4.3 or earlier, or MVS/SP 5.1 or later with WLM in compatibility mode, MVS creates a performance group workload instead of a service class. *See* performance group workload.

service objective. Workload performance goal, specified in terms of response time for TSO workloads or turnaround time for batch workloads. Performance group workloads can be measured by either objective. Composite workload service objectives consist of user-defined weighting factors assigned to each constituent workload. There are no OS/390-related measures of service for started task workloads.

service point. Specification, to MAINVIEW, of the services required to enable a specific product. Services may be actions, selectors, or views. Each target (e.g., CICS, DB2, or IMS,) has its own service point.

The PLEX view lists all the defined service points known to the CAS to which the terminal session is connected.

service request block (SRB). Control block that represents a routine to be dispatched. SRB mode routines generally perform work for the operating system at a high priority. An SRB is similar to a task control block (TCB) in that it identifies a unit of work to the system. *See also* task control block.

service select code. Code entered to invoke analyzers, monitors, and general services. This code is also the name of the individual service.

session. Total period of time an address space has been active. A session begins when monitoring can be performed. If the product address space (PAS) starts after the job, the session starts with the PAS.

SG-Auto. Component of MAINVIEW SRM that provides early warning notification of storage anomalies and automated responses to those anomalies based on conditions in the storage subsystem.

SG-Control. Component of MAINVIEW SRM that provides real-time monitoring, budgeting, and control of DASD space utilization.

single system image (SSI). Feature of the MAINVIEW window environment architecture that allows you to view and perform actions on multiple OS/390 systems as though they were a single system. The rows of a single tabular view can contain rows from different OS/390 images.

SRB. *See* service request block.

SSI. *See* single system image.

SSI context. Name created to represent one or more targets for a given product. *See* context, target.

started task workload. Address spaces running jobs that were initiated programmatically.

statistics interval. For MAINVIEW for DB2, cumulative count within a predefined interval (30-minute default set by the DB2STATS parameter in the distributed BBPARM member BBIISP00) for an analyzer service DELTA or RATE display. Specifying the DELTA parameter displays the current value as the difference between the value sampled by the current analyzer request and the value sampled at the start of the current interval. Specifying the RATE parameter displays the current value by minute (DELTA divided by the number of elapsed minutes).

StopX37/II. Component of MAINVIEW SRM that provides enhancements to OS/390 space management, reducing the incidence of space-related processing problems. The StopX37/II functions operate at the system level to intercept abend conditions or standards violations, thus providing services without any JCL changes.

StorageGUARD. Component of MAINVIEW SRM that monitors and reports on DASD consumption and provides historical views to help control current and future DASD usage.

summary view. View created from a tabular view using the Summarize option in view customization. A summary view compresses several rows of data into a single row based on the summarize criteria.

SYSPROG services. Component of MAINVIEW for OS/390. Over 100 services that detect, diagnose, and correct OS/390 system problems as they occur. Accessible from the OS/390 Performance and Control Main Menu. Note that this is also available as a stand-alone product MAINVIEW SYSPROG Services.

system resource. *See* object.

T

target. Entity monitored by one or more MAINVIEW products, such as an OS/390 image, IMS or DB2 subsystem, CICS region, or related workloads across systems. *See* context, scope, SSI context.

target context. Single target/product combination. *See* context.

TASCOSTR. MAINVIEW for IMS Offline program that summarizes detail and summary IMS Resource Utilization Files (IRUFs) to be used as input to the offline components.

task control block (TCB). Address space-specific control block that represents a unit of work that is dispatched in the address space in which it was created. *See also* service request block.

TCB. *See* task control block.

terminal session (TS). Single point of control for MAINVIEW products, allowing data manipulation and data display and providing other terminal user services for MAINVIEW products. The terminal session runs in a user address space (either a TSO address space or a standalone address space for EXCP/VTAM access).

TDIR. *See* trace log directory.

threshold. Specified value used to determine whether the data in a field meets specific criteria.

TLDS. *See* trace log data set.

total mode. Usage mode in CMFMON wherein certain columns of data reflect the cumulative value between collection intervals. Invoked by the DELTA OFF command. *See also* collection interval, delta mode.

trace. (1) Record of a series of events chronologically listed as they occur. (2) Online data collection and display services that track transaction activity through DB2, IMS, or CICS.

trace log data set (TLDS). Single or multiple external VSAM data sets containing summary or detail trace data for later viewing or printing. The trace log(s) can be defined as needed or dynamically allocated by the BBI-SS PAS. Each trace request is assigned its own trace log data set(s).

trace log directory (TDIR). VSAM linear data set containing one entry for each trace log data set. Each entry indicates the date and time of data set creation, the current status of the data set, the trace target, and other related information.

transaction. Specific set of input data that initiates a predefined process or job.

Transaction Accountant. MVIMS Offline component that produces cost accounting and user charge-back records and reports.

TS. *See* terminal session.

TSO workload. Workload that consists of address spaces running TSO sessions.

U

UAS. *See* user address space.

UBBPARM. *See* parameter library.

UBBPROC. *See* procedure library.

UBBSAMP. *See* sample library.

user address space. Runs a MAINVIEW terminal session (TS) in TSO, VTAM, or EXCP mode.

User BBPROF. *See* profile library.

V

view. Formatted data within a MAINVIEW window, acquired from a product as a result of a view command or action. A view consists of two parts: query and form. *See also* form, job activity view, query.

view definition. Meaning of data that appears online, including source of data, selection criteria for data field inclusion and placement, data format, summarization, context, product, view name, hyperlink fields, and threshold conditions.

view command. Name of a view that you type on the COMMAND line to display that view.

view command stack. Internal stack of up to 10 queries. For each command, the stack contains the filter parameters, sort order, context, product, and timeframe that accompany the view.

view help. Online help describing the purpose of a view. To display view help, place the cursor on the view name on the window information line and press PF1 (HELP).

W

window. Area of the MAINVIEW screen in which views and resources are presented. A window has visible boundaries and can be smaller than or equal in size to the MAINVIEW window area. *See* active window, alternate window, current window, MAINVIEW window area.

window information line. Top border of a window. Shows the window identifier, the name of the view displayed in the window, the system, the scope, the product reflected by the window, and the timeframe for which the data in the window is relevant. *See also* window status field.

window number. Sequential number assigned by MAINVIEW to each window when it is opened. The window number is the second character in the window status field. *See also* window status field.

window status. One-character letter in the window status field that indicates when a window is ready to receive commands, is busy processing commands, is not to be updated, or contains no data. It also indicates when an error has occurred in a window. The window status is the first character in the window status field. *See also* window information line, window status field.

window status field. Field on the window information line that shows the current status and assigned number of the window. *See also* window number, window status.

windows mode. Display of one or more MAINVIEW product views on a screen that can be divided into a maximum of 20 windows. A window information line defines the top border of each window. *Contrast with* full-screen mode.

WLM workload. In goal mode in MVS/SP 5.1 and later, a composite of service classes. MAINVIEW for OS/390 creates a workload for each WLM workload defined in the active service policy.

workflow. Measure of system activity that indicates how efficiently system resources are serving the jobs in a workload.

workload. (1) Systematic grouping of units of work (e.g., address spaces, CICS transactions, IMS transactions) according to classification criteria established by a system administrator. (2) In OS/390, group of service classes within a service definition.

workload activity view. Tracks workload activity as the workload accesses system resources. A workload activity view measures workload activity in terms of resource consumption and how well the workload activity meets its service objectives.

Workload Analyzer. Online data collection and display services used to analyze IMS workloads and determine problem causes.

workload definition. Workload created through the WKLIST view. Contains a unique name, a description, an initial status, a current status, and selection criteria by which address spaces are selected for inclusion in the workload. *See* Workload Definition Facility.

Workload Definition Facility. In MAINVIEW for OS/390, WKLIST view and its associated dialogs through which workloads are defined and service objectives set.

workload delay view. Tracks workload performance as the workload accesses system resources. A workload delay view measures any delay a workload experiences as it contends for those resources.

Workload Monitor. Online data collection services used to monitor IMS workloads and issue warnings when defined thresholds are exceeded.

workload objectives. Performance goals for a workload, defined in WKLIST. Objectives may include measures of performance such as response times and batch turnaround times.

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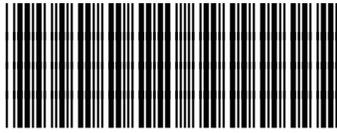
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