

Language Environment Enabled Vendor Tools and Application Packages: A Working Document

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Contact Information!

This is a **working document** providing status information on the tools and application packages running in Language Environment. If you have a question about a tool or application package that doesn't appear in this working document, please contact the vendor and then let us know whether 1) the product works with Language Environment, or 2) the vendor needs assistance from us. Please send us the product name, vendor name, contacts, and status. Thanks!

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About this Document

Language Environment for OS/390™ & VM is IBM's common run-time environment for enterprise applications written in COBOL, C/C++, PL/I, and FORTRAN. Language Environment provides interlanguage communication for modules written in different languages as well as a consistent run-time environment for essential services, such as initialization, termination, message handling, National Language, and storage management. In addition, Language Environment provides common exception-handling services resulting in improved reliability and better failure diagnosis.

Customers with IBM compilers and tools also have third party vendor tools and application packages installed. IBM recognizes the following in upgrading the languages:

- **C/C++** – Many IBM products (e.g. BookManager®, TCP/IP, etc.) and third party vendor tools and application packages are built using C.
- **COBOL** – Some of the third party vendor tools and application packages work with OS/VS COBOL and some work with VS COBOL II, but many of them cannot run with Language Environment. Customers will upgrade their COBOL when their existing tools and application packages run in the new Language Environment. A major customer concern with COBOL is the OS/VS COBOL 6/94 service withdrawal.
- **FORTRAN** – Fortran is now available in Language Environment which allows InterLanguage Communication (ILC) calls into Fortran modules from C, COBOL, and PL/I.
- **PL/I** – Many IBM products (e.g. OV/MVS, NetView, etc.) and third party vendor tools and application packages are built using PL/I.

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Below is the legend for the Enabled column in the tables contained in this document.

Entry	Meaning
Yes	The product works with Language Environment. Note: Check comments for release level or needed service.
No	The product requires a run-time library, but does not work with Language Environment.
N/A	The product does not use a run-time library for the languages supported by Language Environment.
?	The product requires a run-time library, but it is unknown if it will work with Language Environment.

Trademarks

The following terms are trademarks of the IBM Corporation in the United States or other countries or both:

ACF/VTAM	ADSTAR	AFP	AIX
AnyNet	BookManager	CICS	CICS/MVS
COBOL/370	DB2	DFSMS	DFSMSdfp
DFSMSdss	DFSMSHsm	DFSMSrmm	DFSORT
DisplayWrite	ESCON	GDDM	IBM
IMS	IMS/ESA	KnowledgeTool	Language Environ- ment
MVS	MVS/ESA	NetView	OfficeVision/MVS
OfficeVision/VM	OpenEdition	OS/390	Print Services Facility
PSF	QMF	Resource Meas- urement Facility	RMF
ScreenView	VisualAge	VisualGen	VisualInfo
VM/ESA	VTAM		

Other company, product, and service names may be trademarks or service marks of others.

Chapter 1. IBM Corporation

General Information

NAME:	IBM Corp.
ADDRESS:	Old Orchard Rd. Armonk NY 10504
PHONE:	(800) IBM-4-YOU
DIRECT SALES:	(800) 426-2968 (IBM Direct) or Local IBM Branch Office
TECH SUPPORT:	(800) 237-5511
WEB SITE:	http://www.ibm.com

OS/390

For individual elements or features of OS/390 that require Language Environment, please refer to the OS/390 Program Directory.

Products

Product	Enabled	Comments
ACF Network Control Program (ACF/NCP)	N/A	This code runs in a communications controller, not on the host.
ACF/VTAM® for MVS	Yes	VTAM® V4R3 is Language Environment-enabled for the following functions: <ul style="list-style-type: none">• Network Management Agent• ASUITE - a suite of APPC applications shipped with VTAM<ul style="list-style-type: none">– ANAME - a 6.2 based name server– ACPY - a 6.2 file copy routine– AFTP - a 6.2 based FTP application– APING - an APPC PING application• AnyNet® feature<ul style="list-style-type: none">– SNA over IP– Sockets over SNA
ACF/VTAM for VM	No	No plans for support
ADSTAR® Distributed Storage Manager (ADSM) (MVS/ESA)	Yes	
AFP™ ToolBox for MVS (5655-A25)	Yes	Requires Language Environment

Product	Enabled	Comments
AIX® Distributed Computing Environment/ESA (DCE/ESA) (AIX/ESA®)	Yes	Enabled since V1R1.
ANo/MVS (5756-265)	No	Replaced by 5695-178
ANo/MVS (5695-178)	Yes	
ANYNET (MVS/ESA™)	Yes	Feature of VTAM V4R3
Automated Operations Control/MVS (AOC/MVS)	No.	No plans for support. Replaced by System Automation for MVS.
Application System (AS) (MVS/ESA, VM)	Yes	AS IC/E is Language Environment-enabled for V3 with APAR PN68743 that contains 4 PTF's; IC/E (MVS) V3.1 UN74167, IC/E (VM) V3.1 UN74168, IC/E (MVS) V3.2 UN74169 and IC/E (VM) V3.2 UN74170. AS IC/E is Language Environment-enabled for V4 with APAR PN68833 that contains 2 PTF's; IC/E (MVS) V4.1 UN74171 and IC/E (VM) V4.1 UN74172.
Application Support Facility (ASF) for MVS (MVS/ESA)	Yes	ASF V3R1 is Language Environment-enabled. IMS™ support requires PN74705.
Basic Telecommunication Access Method (BTAM) (5665-279)	N/A	Does not require a run-time library.
BookManager/MVS (MVS/ESA)	Yes	BookManager/MVS 1.3 is Language Environment enabled
BookManager/VM	Yes	BookManager/VM 1.3 is Language Environment enabled w/APAR GC05334
Bulk Data Transfer (BDT) (5696-PKK)	N/A	Does not require a run-time library.
CACHE RMF Reporter (DQD-5798)	?	This PO is written in PL/I. The function provided by this PO is now integrated with the RMF™ postprocessor reports. It is no longer being developed or supported and has not been tested with Language Environment.
CICS/MTCS	Yes	No known Language Environment dependencies
CICS/MVS® 3270 Format Utility	No	Discontinued service Dec. 31, 1996.
CICS/VSAM Recovery	Yes	Enabled since V2R2
CLIO/S	Yes	
COBOL CICS® Conversion AID (CCCA)	Yes	Enabled since R2 for MVS
COBOL Structuring Facility	Yes	Enabled since V3R1
Cross System Product (CSP) (5688-218, 5688-206)	Yes	CSP V4R1 will work with Language Environment. Be sure CSP APARS PN64541, PN60042 and Language Environment APAR PN60776 are on your system. CSP V3R3 and earlier releases do not require a run-time library.
Customer Information Control System/ESA (CICS/ESA®) (MVS/ESA)	Yes	Enabled since V3R3
Data Interchange	N/A	Does not require a run-time library.

Product	Enabled	Comments
DB2® (5665-DB2)	N/A	Does not require a run-time library.
Data Base Edit Facility (DBEDIT) (MVS/ESA)	Yes	PN60210 contains Language Environment enablement instructions.
Data Facility Sort (DFSORT™) (MVS/ESA)	Yes	Enabled since R12
Device Support Facility (DSF) (5655-257)	N/A	Does not require a run-time library.
DFSMSdftp™	Yes	Only if you plan on using CDRA in DFSMS 1.3 and upward.
DFSMSdss™	N/A	Does not require a run-time library.
DFSMShsm™	N/A	Does not require a run-time library.
DFSMSrmm™	N/A	Does not require a run-time library.
DI/MVS	Yes	
DISOSS (5665-290)	N/A	Does not require a run-time library.
DISOSS Library Services Extended (DLS-E) (5787-ECH)	Yes	APAR HC06749 for DLS-E required to run with Language Environment.
DITTO (5798-ARD)	N/A	Does not require a run-time library.
Document Composition Facility (DCF/MVS)	Yes	DCF/MVS is Language Environment-enabled with STACK option for ODF support. The remainder of DCF has no run-time dependency.
Document Composition Facility (DCF/VM)	Yes	DCF/VM is Language Environment-enabled with APAR PN61308 for ODF support. The remainder of DCF has no run-time dependency.
DisplayWrite™ /370 (DW/370)	N/A	Does not require a run-time library.
DPAM	No	No plans for support.
DROP/R Capture MVS	Yes	
Emulator Program (EP)	N/A	Runs in a communications controller, not on a host.
Environment Error Recording Program (5658-260)	N/A	Does not require a run-time library.
ESCON® Manager (ESCM) (5688-008)	No	Replaced by System Automation for MVS
VS/Fortran	Yes	
Graph Data Display Manager (GDDM®) (5665-356)	N/A	Does not require a run-time library.
GDDM IMD (5665-356)	N/A	Does not require a run-time library.
GDDM Program Graphic Feature (GDDM-PGF)	N/A	Does not require a run-time library.
Host Communication Facility (HCF) (5668-985)	N/A	Does not require a run-time library.
ICF Catalog Recovery (5798-DXQ)	N/A	Does not require a run-time library.
IMS Application Development Facility (IMSADF)	Yes	IMSADF V2R2 is Language Environment-enabled with APAR PN84976.
IBM Print Services Facility™ (PSF™/MVS) (MVS/ESA)	Yes	Enabled since V2.

Product	Enabled	Comments
Image Object Distribution Manager (IODM)	No	Plans being developed to support Language Environment.
Image/Plus Folder Application Facility (IPFAF)	No	Plans being developed.
IMS/ESA®	Yes	
IMS System Utilities	Yes	
InfoMan		Only 2 parts of InfoMan require Language Environment, the Graphics Module and the NetView® Bridge Adapter. The Graphics Module V5R1 and above work with Language Environment. The NetView Bridge Adapter requires NetView and does not work with Language Environment.
Infoform III	Yes	
Information Management System/ESA (IMS/ESA) Database Manager and IMS/ESA Transaction Manager	Yes	Enabled since V1R3
Interactive System Product Facility (ISPF) (5655-042)	N/A	Does not require a run-time library.
Item Access Facility MVS/ESA (IAFC) (MVS/ESA)	No	Update 11-17-97 - Migration guide available.
Job Entry Subsystem (JES) (5695-047)	N/A	Does not require a run-time library.
Jes328X Printing Subsystem	N/A	Does not require a run-time library.
KnowledgeTool® (MVS/ESA)	No	Product has no plans of relinking with Language Environment. Therefore it is not Language Environment enabled.
MQSeries (MVS/ESA)	Yes	
NetView (MVS/ESA)	Yes	NetView V3R2 or TME10 NetView.
NetView/GMFHS (MVS/ESA)	Yes	
NetView/RODM (MVS/ESA)	Yes	
NetView Access (5665-365)	N/A	Does not require a run-time library.
NetView Distribution Manager (NDM)	N/A	Does not require a run-time library.
NetView File Transfer Program (NetView FTP)	N/A	Does not require a run-time library.
NetView Performance Manager (NPM) (5655-043)	N/A	Does not require a run-time library.
NPSI (5688-035)	N/A	This code runs on a communications controller not on a host.
NTUNEMON (NCP Monitor Tool)	N/A	Does not require a run-time library.
NTUNENCP (NCP Tuning Tool)	N/A	Does not require a run-time library.
OfficeVision/MVS™ (MVS/ESA)	Yes	Enabled since V1R3.
OfficeVision/VM™	Yes	
OpenEdition® Services	Yes	

Product	Enabled	Comments
OS/VS COBOL	Yes	
Overlay Generation Language/370 (OGL) (5688-191)	N/A	Does not require a run-time library.
Page Printing Formatting Aid/370 (PPFA/370) (5688-190)	N/A	Does not require a run-time library.
PC/TSO File Transfer Product (PC/TSO FTP)	N/A	Does not require a run-time library.
Print Facility (VMPRF)	Yes	VMPRF is Language Environment-enabled with APAR VM59419
PagePrinterMigrationProgram (PPMP) (MVS/ESA) (5695-040)	Yes	Need to apply PTF: UW43230
Resource Measurement Facility™ (RMF™) (MVS/ESA)	N/A	Does not require a run-time library.
ScreenView® (5695-047)	N/A	Does not require a run-time library. This product is out of service for VM and VSE. It will go out of service for MVS on 11/97.
SearchManager/370 for MVS (5695-070)	Yes	Enabled since R3. R3 requires APARs PN73137 and PN76260.
SGML Translator (5684-025)	No	SGML Translator is not planning to support Language Environment.
System Automation for MVS	No	No plans to support Language Environment.
Transmission Control Protocol/Internet Protocol (TCP/IP) for MVS	Yes	Enabled since V3R1.
Transmission Control Protocol/Internet Protocol (TCP/IP) for VM	No	
TSCF (MVS/ESA)	No	Replaced by System Automation for MVS.
VisualAge® Generator (MVS/ESA)	Yes	Formerly known as VisualGen®
VisuallInfo™ (MVS/ESA)	Yes	VisuallInfo V2 works with Language Environment R5 and APAR PN81700
VS/APL	Yes	Enabled since R4.
VS Cobol II	Yes	

Chapter 2. Action Software International

General Information

NAME: Action Software International
ADDRESS: 20 Valleywood Drive, Suite 107
Markham, ON L3R 6G1 Canada
PHONE: (905) 470-7113
FAX: (905) 470-6507
TECH SUPPORT: (905) 470-7113 (E-mail: change@actionsoftware.com)
WEB SITE:

Products

Product	Enabled	Comments
Change Action	N/A	No known Language Environment dependencies.

Chapter 3. ADPAC Corp.

General Information

NAME: ADPAC Corp.
ADDRESS: 425 Market St., Suite 400
San Francisco CA 94105
PHONE: (415) 777-5400
FAX: (415) 284-1126
TECH SUPPORT:
WEB SITE: <http://www.adpac.com>

Products

Product	Enabled	Comments
Programming Maintenance/Standard Solution (PM/SS) (MVS/ESA)	Yes	
System Vision Impact Analysis	Yes	
System Vision JCL VIEW	Yes	
System Vision Program Inven- tory	Yes	
System Vision Upgrade Unit	Yes	

Chapter 4. Advantis

General Information

NAME: Advantis.
ADDRESS: 3405 West Dr. Martin Luther King Jr. Blvd.
P.O. Box 30021
Tampa FL 33630
PHONE: (800) 727-2222
FAX:
TECH SUPPORT:
WEB SITE: <http://www.advantis.com>

Products

Product	Enabled	Comments
Expedite Base MVS	N/A	Does not require a run-time library.
Expedite CICS for MVS	Yes	

Chapter 5. Advisor Technology Services

General Information

NAME: **Advisor Technology Services**
(Formerly Broadway and Seymour, Inc.)
(Formerly Trust Systems, Inc.)

ADDRESS: 128 South Tryon St.
Charlotte NC 28202

PHONE: (800) 836-6575

FAX:

TECH SUPPORT: (800) 743-2505

WEB SITE: None. In process of developing one (2/6/97 status).

Products

Product	Enabled	Comments
AMtrust (MVS/ESA)	Yes	Advisor Technology Services will support AMtrust in a Language Environment if the customer compiles using the CMPR2 option with COBOL/370™.

Chapter 6. Alltel Corp.

General Information

NAME: Alltel Corp.
ADDRESS: One Allied Drive
Little Rock AR 72202
PHONE: (501) 661-8000
FAX: (501) 661-8487
TECH SUPPORT:
WEB SITE: <http://www.alltel.com>

Products

Product	Enabled	Comments
Systematics Financial & Health Care Packages	No	Have worked with customers on work around.
TDS Healthcare Packages (Eclipsis Corp.)	?	Language Environment status not known

Chapter 7. American Software, Inc.

General Information

NAME: American Software, Inc.
ADDRESS: 470 E. Paces Ferry Rd.
Atlanta GA 30305
PHONE: (404) 261-4381
FAX: (404) 264-5394
TECH SUPPORT:
WEB SITE: <http://www.amsoftware.com>

Products

Product	Enabled	Comments
AMSOFT (MVS/ESA)	Yes	
Distribution Requirements Planning (MVS/ESA)	Yes	
MRP-8 Manufacturing Resource Planning (MVS/ESA)	Yes	

Chapter 8. ANSYS, Inc.

General Information

NAME: ANSYS, Inc.
ADDRESS: 275 Technology Drive
Canonsburg PA 15317
PHONE: (412) 746-3304
FAX: (412) 514-9494
TECH SUPPORT:
WEB SITE: <http://www.ansys.com>

Products

Product	Enabled	Comments
ANSYS	N/A	Language Environment not required, ships FORTRAN runtime

Chapter 9. Applications Software, Inc.

General Information

NAME: Applications Software, Inc.
ADDRESS: 5455 Garden Grove Blvd., Suite 500
Westminister CA 92683
PHONE: (714) 891-2616
FAX: (714) 895-5690
TECH SUPPORT: (860) 675-8158
WEB SITE: None

Products

Product	Enabled	Comments
ASI-ST (MVS/ESA)	N/A	Written totally in assembler. Does not require a run-time library.

Chapter 10. Candle

General Information

NAME: Candle
ADDRESS: 2425 Olympic Blvd.
Santa Monica CA 90404
PHONE: (800) 843-3970 or (310) 829-5800
FAX: (310) 582-4287
TECH SUPPORT: (800) 328-1811
WEB SITE: <http://www.candle.com>

Products

Product	Enabled	Comments
CL/GATEWAY	Yes	No Language Environment dependencies. No known problems.
CL/SUPERSESSION	Yes	No Language Environment dependencies. No known problems.
Omegamon for CICS/v300 (MVS/ESA)	Yes	Language Environment-enabled for compatibility.
Omegamon II/v300 (MVS/ESA)	Yes	

Chapter 11. Chicago-Soft

General Information

NAME: Chicago-Soft
ADDRESS: 6232 North Pulaski Road
Suite 402
Chicago, IL 60646
PHONE: (773) 282-4777
FAX: (773) 282-9036
TECH SUPPORT: (773) 282-9036
WEB SITE: <http://www.chicago-soft.com>

Products

Product	Enabled	Comments
MVS/QuickRef	No	Not Language Environment enabled.

Chapter 12. CHI/COR Information Management, Inc

General Information

NAME: CHI/COR Information Management, Inc
ADDRESS: 300 South Wacker Drive
Chicago IL 60606
PHONE: (312) 322-0150
FAX:
TECH SUPPORT:
WEB SITE: <http://www.chicor.com>

Products

Product	Enabled	Comments
Deduction Management System (MVS/ESA)	?	Language Environment enablement status not known. No plans to test with Language Environment (status as of 1/30/97).

Chapter 13. CINCOM Systems, Inc

General Information

NAME: CINCOM Systems, Inc.
ADDRESS: 2300 Montana Avenue
Cincinnati OH 45211-3899
PHONE: (513) 662-2300
FAX: (513) 481-8332
TECH SUPPORT:
WEB SITE: <http://www.cincom.com>

Products

Product	Enabled	Comments
MAN Series M/TEXT (MVS/ESA)	N/A	Does not require a run-time library.
MANTIS (MVS/ESA)	No	Language Environment enablement is under discussion (status as of 1/27/97).

Chapter 14. Computer Associates International, Inc.

General Information

NAME: Computer Associates International, Inc.
ADDRESS: One Computer Associates Plaza
Islandia NY 11788-7000
PHONE: (800) CALL-CAI or (516) 342-5224
FAX: (516) 342-5734
TECH SUPPORT:
WEB SITE: <http://www.cai.com>

Products

Product	Enabled	Comments
CA-APCDDS	N/A	No Language Environment dependencies. No known problems.
CA-APC/DOC	N/A	No Language Environment dependencies. No known problems.
CA-DADS/PLUS	N/A	No Language Environment dependencies. No known problems.
CA-Datacom/CICS Services	Yes	Works in Language Environment environment. No known problems.
CA-Datacom/Extended SQL Option	Yes	Works in Language Environment environment. No known problems.
CA-Datacom/DB	Yes	Works in Language Environment environment. No Language Environment dependencies.
CA-Datacom/DB Datadictionary	Yes	Works in Language Environment environment. No known problems.
CA-Datacom/DLI Transparency	Yes	Works in Language Environment environment. No known problems.
CA-Datacom/IMS/DC Services	N/A	Does not require a run-time library
CA-Datacom/Total Transparency	Yes	Works in the Language Environment environment. No known problems.
CA-Datacom/VSAM Transparency	N/A	Does not require a run-time library.
CA-Data Query	Yes	Works in Language Environment environment. No known problems.
CA-DISPATCH	N/A	No Language Environment dependencies. No known problems.
CA-DOCVIEW	N/A	No Language Environment dependencies. No known problems.

Product	Enabled	Comments
CA-EASYTREVE	Y	EasyTreve 6.0 works with Language Environment compatibility mode.
CA-EXAMINE	N/A	No Language Environment dependencies. No known problems.
CA-EZT+	Yes	Language Environment dependencies occur, when subroutines or exits are used, which are written in a language using Language Environment as their run-time environment. This situation may be triggered by using CALL-statements or by using file I/O exits from within an EZT+ program. To bypass, 1) call IGZERRE before invoking your subprogram or exit, or 2) use the RTEREUS run-time option.
CA-EZT/DB2	N/A	No Language Environment dependencies. No known problems.
CA-EZT/IMS	N/A	No Language Environment dependencies. No known problems.
CA-EZTEST/CICS/3.4 (MVS/ESA)	Yes	
CA-FILESAVE/RCS	N/A	No Language Environment dependencies. No known problems.
CA-IDMS (MVS/ESA)	Yes	Release 12.0 is Language Environment-enabled.
CA-INSIGHT/DB2	N/A	No Language Environment dependencies. No known problems.
CA-InterTest 5.3 (MVS/ESA)	Yes	Language Environment enabled for LE/370 V1 R1 and above.
CA-JCL/CHECK	N/A	No Language Environment dependencies. No known problems.
CA-LIBRARIAN (MVS/ESA)	Yes	
CA-LSERV	N/A	No Language Environment dependencies. No known problems.
CA-Masterpiece (MVS/ESA)	Yes	The CA-Masterpiece COBOL II executable code supplied by CA will work with Language Environment. If Masterpiece is re-compiled using COBOL for MVS, then it will not work with Language Environment. CA is working to fix this and hopes to have full support of Language Environment as soon as possible (status as of 1/30/97).
CA-Netman (MVS/ESA)	Yes	LE/370 1.2 enabled with CA APAR A94256AK0. LE/370 1.3 enabled with FIXES T5VR195 and T5VR196 from CA.
CA-OPERA	N/A	No Language Environment dependencies. No known problems.
CA-OPTIMIZER (MVS/ESA)	Yes	OS/VSE COBOL programs compiled with CA OPTIMIZER using DETECT or ANALYZE optimizer options and run under Language Environment will receive and abend 0C4 in CA OPTIMIZER module CPXEM. Contact CA customer support for CA FIX T5U2468. This fix is for CA-Optimizer 6.0 only. Per CA, user cannot compile with DETECT or ANALYZE options and run under Language Environment.

Product	Enabled	Comments
CA-PANVALET (MVS/ESA)		
Yes		
CA-ROSCOE (MVS/ESA)	Yes	
CA-SYMDUMP	Yes	CA-SYMDUMP 5.3 works with Language Environment
CA-TELON (MVS/ESA)	Yes	Will work with Language Environment if CA-TELON is at GEN9706 or later. (Problem w/ PL/I - fix available from CA)
CA-TLMS	N/A	No Language Environment dependencies. No known problems.
CA-VERIFY	N/A	No Language Environment dependencies. No known problems.
CA-1	N/A	No Language Environment dependencies. No known problems.
CA-7	N/A	No Language Environment dependencies. No known problems.
CA-11	N/A	No Language Environment dependencies. No known problems.
CA-90	Yes	
Endevor/Cross System Product (Endevor/CSP) (MVS/ESA)	Yes	
Endevor/DB (MVS/ESA)	Yes	
Endevor/DB2 (MVS/ESA)	Yes	
Endevor/MVS (MVS/ESA)	Yes	
Endevor Parallel Development Manager (MVS/ESA)	Yes	
RAMIS (MVS/ESA)	Yes	

Chapter 15. Computer Corporation of America

General Information

NAME: Computer Corporation of America
ADDRESS: 500 Old Connecticut Path
Framingham MA 01701
PHONE: (508) 270-6666
FAX: (508) 270-6688
TECH SUPPORT: (800) 755-4222
WEB SITE: <http://www.cca-int.com>

Products

Product	Enabled	Comments
Model 204	Yes	3.2.0 is Language Environment-enabled.

Chapter 16. Compuware Corp.

General Information

NAME: Compuware Corp.
ADDRESS: 31440 Northwestern Highway
Farmington Hills MI 48334
PHONE: (800) 521-9353 or (248) 737-7300
FAX: (248) 737-7339
TECH SUPPORT: (800) 538-7822
WEB SITE: <http://www.compuware.com>

Products

Product	Enabled	Comments
Abend-AID/MVS (MVS/ESA & OS/390)	Yes	Abend-AID began supporting Language Environment in 1993, and continues to remain current with IBM development. Visit the Compuware web site for details.
CICS Abend-AID/FX (MVS/ESA & OS/390)	Yes	CICS Abend-AID/FX The current CICS ABEND-AID/FX release supports all current LE releases. Visit the Compuware web site for details.
File-AID/MVS (MVS/ESA)	Yes	V6.5 is Language Environment-enabled.
Pathvu/Interactive (MVS/ESA)	Yes	V6.2 is Language Environment-enabled
Xpediter/CICS	Yes	XPEDITER/CICS 6.6 works with Language Environment in compatibly mode. XPEDITER/CICS 6.8 will provide full support in Language Environment, per XPEDITER support personnel.
Xpediter/IMS	Yes	V1 R6.1 is Language Environment-enabled
Xpediter/TSO	Yes	V1 R6.1 is Language Environment-enabled

Chapter 17. Comshare, Inc.

General Information

NAME: Comshare, Inc.
ADDRESS: P. O. Box 1588
555 Briarwood Circle
Ann Arbor MI 48108
PHONE: (800) 922-7979 or (313) 994-4800
FAX: (313) 769-6943
TECH SUPPORT: (313) 994-5212
WEB SITE: <http://www.comshare.com>

Products

Product	Enabled	Comments
Interactive Financial Planning System/Plus (IFPS/Plus) (MVS/ESA)	Yes	IFPS/Plus 5.01 is Language Environment-enabled

Chapter 18. COSMIC

General Information

NAME: COSMIC (Computer Software Management & Information Center)
(Subsidiary of NASA Technology Transfer Div.)

ADDRESS: University of Georgia
382 E. Broad St.
Athens GA 30602-4272

PHONE: (706) 542-3265

FAX: (706) 542-4807

TECH SUPPORT:

WEB SITE: <http://www.cosmic.uga.edu>

Products

Product	Enabled	Comments
NASTRAN (MVS/ESA)	No	No current plans for Language Environment support (1/27/97 status). Written in Fortran.

Chapter 19. Data Kinetics, Ltd.

General Information

NAME: Data Kinetics, Ltd.
ADDRESS: 2460 Lancaster Road
Ottawa Ontario
Canada K1B 4S5
PHONE: (800) 267-0730 or (613) 523-5500
FAX: (613) 523-5533
TECH SUPPORT: (613) 523-5588
WEB SITE: <http://www.dkl.com>

Products

Product	Enabled	Comments
tableBASE (MVS/ESA)	Yes	Language Environment-enabled

Chapter 20. Deluxe Corp.

General Information

NAME: Deluxe Corp.
ADDRESS: 1050 County Road F
West St. Paul MN 55126-2910
PHONE: (800) 328-9500
FAX:
TECH SUPPORT: (800) 328-8434
WEB SITE: <http://www.deluxe.com>

Products

Product	Enabled	Comments
Oneware	Yes	

Chapter 21. Early, Cloud Solution Unit of IBM

General Information

NAME: Early, Cloud Solution Unit of IBM
(Formerly Early, Cloud and Company)

ADDRESS: Aquidneck Industrial Park
Newport Rhode Island 02840

PHONE: (800) 829-2050 or (401) 849-0500

FAX:

TECH SUPPORT:

WEB SITE: <http://www.earlycloud.com>

Products

Product	Enabled	Comments
CallFlow	?	Written in VS/COBOL II. Have not tested with Language Environment. No current plans to test with Language Environment (status as of 1/30/97).
Message Driven processor (MDp)	?	Written in VS/COBOL II. Have not tested with Language Environment. No current plans to test with Language Environment (status as of 1/30/97).

Chapter 22. Geac Host Technologies

General Information

NAME: **Geac Host Technologies**
(formerly Dun & Bradstreet Software)

ADDRESS: 66 Perimeter Center E.
Atlanta GA 30346

PHONE: (404) 239-2000 or (404) 239-INFO

FAX:

TECH SUPPORT: (800) -808-3327 for E Series or (800) -808-1327 for M Series

WEB SITE: <http://www.geac.com>

Products

Product	Enabled	Comments
Expert Series Applications (E Series)	Yes	Current releases of host products will work with Language Environment. Contact Geac for specific considerations.
Millennium Series Applications (M Series)	Yes	Current releases of host products will work with Language Environment. Contact Geac for specific considerations.

Chapter 23. HBO & Co.

General Information

NAME: HBO & Co.
ADDRESS: 301 Perimeter Center N.
Atlanta GA 30346
PHONE: (770) 393-6000
FAX:
TECH SUPPORT:
WEB SITE: <http://www.hboc.com>

Products

Product	Enabled	Comments
Health Quest 2000 (MVS/ESA)	?	Language Environment status unknown (2/5/97)
Plus 2000 (MVS/ESA)	?	Language Environment status unknown (2/5/97)

Chapter 24. Hogan Systems, Inc.

General Information

NAME: Hogan Systems, Inc.
ADDRESS: 5525 LBJ Freeway
Dallas TX 75240
PHONE: (972) 386-0020
FAX: (972) 386-0315
TECH SUPPORT:
WEB SITE:

Products

Product	Enabled	Comments
Consumer and Merchant Servicing (MVS/ESA)	Yes	

Chapter 25. HNC Software

General Information

NAME: HNC Software
ADDRESS: 5930 Cornerstone Court West
San Diego CA 92121
PHONE: (619) 546-8877
FAX:
TECH SUPPORT:
WEB SITE: <http://www.hnc.com>

Products

Product	Enabled	Comments
Falcon	Yes	Falcon has 2 load libraries, one for on-line and one for batch. Both work with Language Environment 1.5. Batch requires Language Environment maintenance level 9609.
Profitmax	?	Status unknown. None of their customers have run it with Language Environment.

Chapter 26. Infodata Systems, Inc.

General Information

NAME: Infodata Systems, Inc.
ADDRESS: 12150 Monument Dr.
Fairfax VA 22033
PHONE: (703) 934-5205
FAX: (703) 934-7154
TECH SUPPORT: (703) 934-8149
WEB SITE: <http://www.infodata.com>

Products

Product	Enabled	Comments
Inquire/Text (MVS/ESA)	No	Working on a fix as of 1/22/97
Shelf Space (MVS/ESA, VM/ESA®)	Yes	
Webb Inquire(MVS/ESA)	Yes	

Chapter 27. Information Builders, Inc.

General Information

NAME: Information Builders, Inc.
ADDRESS: 1250 Broadway
New York NY 10001
PHONE: (800) 969-INFO
FAX: (212) 967-6406
TECH SUPPORT: (800) 736-6130
WEB SITE: <http://www.informationbuilders.com>

Products

Product	Enabled	Comments
Focus MVS	Yes	Minimum level 7.01. Recommended level 7.05.
Focus VM	Yes	Minimum level 7.01. Recommended level 7.05.

Chapter 28. Information Retrieval Companies, Inc. (IRC Inc.)

General Information

NAME: Information Retrieval Companies, Inc.
ADDRESS: 3500A Regency Parkway
Cary NC 27511
PHONE: (800) IRC-7768
FAX: (919) 460-7438
TECH SUPPORT: (919) 460-7446 x-135
WEB SITE: <http://www.ircsoft.com>

Products

Product	Enabled	Comments
Automated Systems Information Management (MVS/ESA)	Yes	

Chapter 29. Information Systems Of America, Inc.

General Information

NAME: Information Systems Of America, Inc.
(Subsidiary of SunGard Insurance Systems, Inc.)

ADDRESS: 500 Northridge Rd.
Atlanta GA 30350

PHONE: (800) 659-4472 or (404) 587-6800

FAX: (404) 587-6808

TECH SUPPORT:

WEB SITE: <http://www.sungard.com>

Products

Product	Enabled	Comments
PRISM Investment Management & Accounting (MVS/ESA)	?	Language Environment status not known (2/5/97).

Chapter 30. Integral, Inc.

General Information

NAME: Integral, Inc.
ADDRESS: 2185 N. California Blvd.
Walnut Creek CA 94546
PHONE: (510) 939-3900
FAX: (510) 946-4891
TECH SUPPORT:
WEB SITE: <http://www.integralsys.com>

Products

Product	Enabled	Comments
Integral Human Resource System (MVS/ESA)	Yes	

Chapter 31. Intersolv

General Information

NAME: Intersolv
ADDRESS: 9420 Key West Ave.
Rockville MD 20850
PHONE: (800) 582-1600
FAX:
TECH SUPPORT:
WEB SITE: <http://www.intersolv.com>

Products

Product	Enabled	Comments
APS (MVS/ESA)	No	Language Environment enablement planned for 1Q/1997

Chapter 32. ISOGON, Inc.

General Information

NAME: ISOGON, Inc.
ADDRESS: 330 Seventh Ave.
New York New York 10001
PHONE: (212) 376-3200
FAX: (212) 376-3280
TECH SUPPORT: (212) 376-3260
WEB SITE: <http://www.isogon.com>

Products

Product	Enabled	Comments
Spiffy	N/A	No known Language Environment dependencies
Soft Audit/One	Yes	
Soft Audit/2000	Yes	
TICTOC	Yes	
License Power	Yes	

Chapter 33. Lotus Development Corporation (An IBM Company)

General Information

NAME: Lotus Development Corporation
ADDRESS: 55 Cambridge Parkway
Cambridge MA 02142
PHONE: (617) 577-8500
FAX:
TECH SUPPORT:
WEB SITE: <http://www.lotus.com>

Products

Product	Enabled	Comments
Softswitch Central (MVS/VM)	Yes	Not enabled for VM - development in progress.

Chapter 34. Macro 4 Inc.

General Information

NAME: Macro 4 Inc.
ADDRESS: 35 Waterview Boulevard
P.O. Box 292
Parsippany NJ 07054-0292
PHONE: (973) 402-8000
FAX: (973) 402-7280
TECH SUPPORT: (973) 402-7360
WEB SITE: <http://www.macro4.com/dumpmaster>

Products

Product	Enabled	Comments
Dumpmaster	Yes	Version Required 4.5. Support Language Environment 1.8.

Chapter 35. MARBLE Computer, Inc.

General Information

NAME: MARBLE Computer, Inc.
ADDRESS: 160-4 Dover Road
Chichester NH 03234
PHONE: (603) 798-4100
FAX: (603) 798-5100
TECH SUPPORT:
WEB SITE:

Products

Product	Enabled	Comments
Data Correlation and Documentation System (MVS/ESA)	Yes	

Chapter 36. Merrill Consultants

General Information

NAME: Merrill Consultants
ADDRESS: 10717 Cromwell Drive
Dallas TX 75229
PHONE: (214) 351-1966
FAX: (214) 350-3694
TECH SUPPORT:
WEB SITE: <http://www.mxg.com>

Products

Product	Enabled	Comments
MXG	N/A	No known Language Environment dependencies.

Chapter 37. Micro Focus, Inc.

General Information

NAME: Micro Focus, Inc.
ADDRESS: 2465 E. Bayshore Road, Suite 400
Palo Alto CA 94303
PHONE: (800) 468-9080 or (415) 856-4161
FAX: (415) 856-6134
TECH SUPPORT: (415) 496-7230 or (610) 992-3550
WEB SITE: <http://www.microfocus.com>

Products

Product	Enabled	Comments
Micro Focus COBOL Workbench	Yes	MF COBOL emulates COBOL/370 and support exists for source statements that utilize Language Environment services thru calls, but no Language Environment routines are provided.

Chapter 38. Mobius Management Systems, Inc.

General Information

NAME: Mobius Management Systems, Inc.
ADDRESS: One Ramada Plaza
New Rochelle NY 10801
PHONE: (914) 637-7200
FAX:
TECH SUPPORT:
WEB SITE: <http://www.mobius-inc.com>

Products

Product	Enabled	Comments
INFOPAC-RDS	Yes	

Chapter 39. Panarama Software

General Information

NAME: Panarama Software
ADDRESS: 5550 Topanga Canyon Blvd.
Third Floor
Woodland Hills CA 91367
PHONE: (800) 829-7798 or (818) 710-7300
FAX: (818) 883-2338
TECH SUPPORT:
WEB SITE: <http://www.pansoft.com>

Products

Product	Enabled	Comments
Sunrise	N/A	Language Environment not required, ships SAS runtime; no problems anticipated

Chapter 40. Pegasystems, Inc.

General Information

NAME: Pegasystems, Inc.
ADDRESS: 101 Main Street
Cambridge MA 02142
PHONE: (617) 374-9600
FAX: (617) 374-9620
TECH SUPPORT:
WEB SITE: <http://www.pegasystems.com>

Products

Product	Enabled	Comments
Pegasystems Banking Applications (MVS/ESA)	Yes	

Chapter 41. Peregrine Systems, Inc.

General Information

NAME: Peregrine Systems, Inc.
ADDRESS: 12670 High Bluff Drive
SanDiego CA 92130
PHONE: (800) 638-5231 or (619) 481-5000
FAX: (619) 481-1751
TECH SUPPORT:
WEB SITE: <http://www.peregrine.com>

Products

Product	Enabled	Comments
SC3270	N/A	No known Language Environment dependencies

Chapter 42. Platinum Technology

General Information

NAME: Platinum Technology
ADDRESS: 1815 South Meyers Road
Oakbrook Terrace IL 60181
PHONE: (800) 442-6861
FAX: (800) 442-4230
TECH SUPPORT: (800) 833-PLAT
WEB SITE: <http://www.platinum.com>

Products

Product	Enabled	Comments
DB-EXCEL	Yes	
AION/DS	Yes	
APS HPO	Yes	
TransCentury	Yes	Does not run under VM
Inforefiner	Yes	LE enables as of Release 3.22.

Chapter 43. Prince Software, Inc.

General Information

NAME: Prince Software, Inc.
ADDRESS: 1000C Lake Street
Ramsey NJ 07446
PHONE: (800) 934-2022
FAX: (201) 934-0220
TECH SUPPORT:
WEB SITE: <http://www.princesoftware.com>

Products

Product	Enabled	Comments
MHTRAN-1	Yes	
MHTRAN-2	Yes	
Portal 2000	Yes	
Translate/RW	Yes	

Chapter 44. Proginet

General Information

NAME: Proginet
ADDRESS: 200 Garden City Plaza
Garden City NY 11530
PHONE: (516) 248-2000
FAX:
TECH SUPPORT:
WEB SITE: <http://www.proginet.com>

Products

Product	Enabled	Comments
RPC/EXEC	Yes	
Trans Access Programs and Tools	Yes	

Chapter 45. Programart Corporation

General Information

NAME: Programart Corporation
ADDRESS: 124 Mount Auburn Street
University Place
Cambridge MA 02138
PHONE: (617) 661-3020
FAX: (617) 498-4010
TECH SUPPORT:
WEB SITE: <http://www.programart.com>

Products

Product	Enabled	Comments
STROBE (MVS/ESA)	Yes	

Chapter 46. Rocket Software, Inc.

General Information

NAME: Rocket Software, Inc.
ADDRESS: 161 Worcester Road
Framingham MA 01701
PHONE: (508) 875-4321
FAX: (508) 875-1335
TECH SUPPORT:
WEB SITE: <http://www.rocketsoftware.com>

Products

Product	Enabled	Comments
ROCKET for QMF™	?	Language Environment status not known (2/5/97)

Chapter 47. SAS Institute

General Information

NAME: SAS Institute
ADDRESS: 100 SAS Campus Drive
Cary NC 27513
PHONE: (919) 677-8000
FAX: (919) 677-8123
TECH SUPPORT: (919) 677-8008
WEB SITE: <http://www.sas.com>

Products

Product	Enabled	Comments
MVS-SAS R6.8	Yes	
SAS Base	N/A	No Known Language Environment dependencies
SAS C	?	Language Environment Status Unknown (2/14/97)

Chapter 48. Seer Technologies, Inc.

General Information

NAME: Seer Technologies, Inc.
ADDRESS: 8000 Regency Parkway
Cary NC 27511
PHONE: (919) 380-5000
FAX: (919) 469-1910
TECH SUPPORT:
WEB SITE: <http://www.seer.com>

Products

Product	Enabled	Comments
High Productivity System (HPS)	Yes	Generated code is Language Environment-enabled/

Chapter 49. Serena Software International

General Information

NAME: Serena Software International
ADDRESS: 500 Airport Blvd.
Second Floor
Burlingame CA 94010
PHONE: (800) 457-3736 or (415) 696-1800
FAX: (415) 696-1776
TECH SUPPORT: (415) 696-6280
WEB SITE: <http://www.serena.com>

Products

Product	Enabled	Comments
Comparex	N/A	No known Language Environment dependencies
PdsTools	N/A	No known Language Environment dependencies

Chapter 50. Software AG of North America, Inc.

General Information

NAME: Software AG of North America, Inc.
ADDRESS: 11190 Sunrise Valley Drive
Reston VA 22091
PHONE: (800) 843-9534 or (703) 860-5050
FAX: (703) 391-6975
TECH SUPPORT: (800) 525-7859
WEB SITE: <http://www.softwareag.com>

Products

Product	Enabled	Comments
Com-plete (MVS/ESA)	Yes	
NATURAL (MVS/ESA)	Yes	Enabled as of V2.3.1

Chapter 51. Software Engineers of America (SEA)

General Information

NAME: Software Engineers of America (SEA)
ADDRESS: 1230 Hempstead Turnpike
Franklin Square NY 11010
PHONE: (516) 328-7000
FAX: (516) 354-4015
TECH SUPPORT:
WEB SITE: <http://www.seasoft.com>

Products

Product	Enabled	Comments
PDSFAST	N/A	No known Language Environment dependencies.
FASTVSAM	N/A	No known Language Environment dependencies.
FASTGENR	N/A	No known Language Environment dependencies.
FDSO	N/A	No known Language Environment dependencies.
CODEC	N/A	No known Language Environment dependencies.
TRMS	N/A	No known Language Environment dependencies.
TAPE2000	N/A	No known Language Environment dependencies.
ODDS/MVS	N/A	No known Language Environment dependencies.
CSAR	N/A	No known Language Environment dependencies.
TRAMS	N/A	No known Language Environment dependencies.
JCLPLUS!	N/A	No known Language Environment dependencies.
XREFPLUS!	N/A	No known Language Environment dependencies.

Chapter 52. Sterling Software

General Information

NAME: Sterling Software
ADDRESS: 300 Crescent Court
Suite 1200
Dallas TX 75201
PHONE: (214) 981-1000
FAX: (214) 739-0535
TECH SUPPORT:
WEB SITE: <http://www.sterling.com>

Products

Product	Enabled	Comments
Directions Image Return	No	A C/S version will replace the current host version.
NDM	N/A	Replaced by CONNECT DIRECT
VISION Builder 12.0	Yes	
VISION Inform 2.0	Yes	
VISION Results 3.5	Yes	
VISION Transact 7.0	Yes	
Analysis Design Workstation	Yes	

Chapter 53. Stonehouse & Co.

General Information

NAME: Stonehouse & Co.
ADDRESS: 4100 Spring Valley Road
Suite 400
Dallas TX 75244
PHONE: (214) 960-1566
FAX: (214) 770-6909
TECH SUPPORT: (214) 770-6900
WEB SITE: <http://www.ncc.com/stonehouse>

Products

Product	Enabled	Comments
MONIES	No	No current plans for Language Environment enablement. Customers should contact Charles Shelton at (214) 770-6920 with their Language Environment requirements.

Chapter 54. Syncsort, Inc.

General Information

NAME: Syncsort, Inc.
ADDRESS: 50 Tice Blvd.
Woodcliff Lake NJ 07675
PHONE: (201) 930-8200
FAX: (201) 930-8285
TECH SUPPORT: (201) 930-8260
WEB SITE: <http://www.syncsort.com>

Products

Product	Enabled	Comments
Online-SyncSort	Yes	
SyncSort/MVS	Yes	

Chapter 55. Texas Instruments, Inc. Co.

General Information

NAME: Texas Instruments, Inc. Co.
ADDRESS: 6550 Chase Oaks Blvd., MS 8474
Plano TX 75023
PHONE: (214) 575-4553
FAX: (214) 575-4716
TECH SUPPORT:
WEB SITE: <http://www.ti.com>

Products

Product	Enabled	Comments
Information Engineering Facility (IEF)	Yes	

Chapter 56. Viasoft, Inc.

General Information

NAME: Viasoft, Inc.
ADDRESS: 3033 North 44th Street
Phoenix AZ 85018
PHONE: (800) 525-7775
FAX:
TECH SUPPORT:
WEB SITE: <http://www.viasoft.com>

Products

Product	Enabled	Comments
VIA Center	Yes	
VIA/SmartTest	Yes	

Chapter 57. Walker Interactive Systems

General Information

NAME: Walker Interactive Systems
ADDRESS: 303 Second Street
Marathon Plaza Three, N
San Francisco CA 94107
PHONE: (415) 495-8811
FAX: (415) 543-6338
TECH SUPPORT:
WEB SITE: <http://www.walker.com>

Products

Product	Enabled	Comments
Tamaris	Yes	

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