

# **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.

The information in this document has been collected from several sources, and is believed to be accurate. However, there are no guarantees, and there are no warranties expressed or implied. The user agrees to accept the information "**AS IS**" and IBM will have no liability for any damages or for other consequences resulting from the use of this information. The user should validate any information depicted here by contacting the appropriate vendor for the most current information on the product(s) in their particular situation.

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.

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## 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.



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# Chapter 1. IBM Corporation

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## General Information

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

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## OS/390

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

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## Products

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

Product	Enabled	Comments
<b>AIX® Distributed Computing Environment/ESA (DCE/ESA) (AIX/ESA®)</b>	Yes	Enabled since V1R1.
<b>ANo/MVS (5756-265)</b>	No	Replaced by 5695-178
<b>ANo/MVS (5695-178)</b>	Yes	
<b>ANYNET (MVS/ESA™)</b>	Yes	Feature of VTAM V4R3
<b>Automated Operations Control/MVS (AOC/MVS)</b>	No.	No plans for support. Replaced by System Automation for MVS.
<b>Application System (AS) (MVS/ESA, VM)</b>	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.
<b>Application Support Facility (ASF) for MVS (MVS/ESA)</b>	Yes	ASF V3R1 is Language Environment-enabled. IMS™ support requires PN74705.
<b>Basic Telecommunication Access Method (BTAM) (5665-279)</b>	N/A	Does not require a run-time library.
<b>BookManager/MVS (MVS/ESA)</b>	Yes	BookManager/MVS 1.3 is Language Environment enabled
<b>BookManager/VM</b>	Yes	BookManager/VM 1.3 is Language Environment enabled w/APAR GC05334
<b>Bulk Data Transfer (BDT) (5696-PKK)</b>	N/A	Does not require a run-time library.
<b>CACHE RMF Reporter (DQD-5798)</b>	?	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.
<b>CICS/MTCS</b>	Yes	No known Language Environment dependencies
<b>CICS/MVS® 3270 Format Utility</b>	No	Discontinued service Dec. 31, 1996.
<b>CICS/VSAM Recovery</b>	Yes	Enabled since V2R2
<b>CLIO/S</b>	Yes	
<b>COBOL CICS® Conversion AID (CCCA)</b>	Yes	Enabled since R2 for MVS
<b>COBOL Structuring Facility</b>	Yes	Enabled since V3R1
<b>Cross System Product (CSP) (5688-218, 5688-206)</b>	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.
<b>Customer Information Control System/ESA (CICS/ESA®) (MVS/ESA)</b>	Yes	Enabled since V3R3
<b>Data Interchange</b>	N/A	Does not require a run-time library.

Product	Enabled	Comments
<b>DB2® (5665-DB2)</b>	N/A	Does not require a run-time library.
<b>Data Base Edit Facility (DBEDIT) (MVS/ESA)</b>	Yes	PN60210 contains Language Environment enablement instructions.
<b>Data Facility Sort (DFSORT™) (MVS/ESA)</b>	Yes	Enabled since R12
<b>Device Support Facility (DSF) (5655-257)</b>	N/A	Does not require a run-time library.
<b>DFSMSdftp™</b>	Yes	Only if you plan on using CDRA in DFSMS 1.3 and upward.
<b>DFSMSdss™</b>	N/A	Does not require a run-time library.
<b>DFSMShsm™</b>	N/A	Does not require a run-time library.
<b>DFSMSrmm™</b>	N/A	Does not require a run-time library.
<b>DI/MVS</b>	Yes	
<b>DISOSS (5665-290)</b>	N/A	Does not require a run-time library.
<b>DISOSS Library Services Extended (DLS-E) (5787-ECH)</b>	Yes	APAR HC06749 for DLS-E required to run with Language Environment.
<b>DITTO (5798-ARD)</b>	N/A	Does not require a run-time library.
<b>Document Composition Facility (DCF/MVS)</b>	Yes	DCF/MVS is Language Environment-enabled with STACK option for ODF support. The remainder of DCF has no run-time dependency.
<b>Document Composition Facility (DCF/VM)</b>	Yes	DCF/VM is Language Environment-enabled with APAR PN61308 for ODF support. The remainder of DCF has no run-time dependency.
<b>DisplayWrite™ /370 (DW/370)</b>	N/A	Does not require a run-time library.
<b>DPAM</b>	No	No plans for support.
<b>DROP/R Capture MVS</b>	Yes	
<b>Emulator Program (EP)</b>	N/A	Runs in a communications controller, not on a host.
<b>Environment Error Recording Program (5658-260)</b>	N/A	Does not require a run-time library.
<b>ESCON® Manager (ESCM) (5688-008)</b>	No	Replaced by System Automation for MVS
<b>VS/Fortran</b>	Yes	
<b>Graph Data Display Manager (GDDM®) (5665-356)</b>	N/A	Does not require a run-time library.
<b>GDDM IMD (5665-356)</b>	N/A	Does not require a run-time library.
<b>GDDM Program Graphic Feature (GDDM-PGF)</b>	N/A	Does not require a run-time library.
<b>Host Communication Facility (HCF) (5668-985)</b>	N/A	Does not require a run-time library.
<b>ICF Catalog Recovery (5798-DXQ)</b>	N/A	Does not require a run-time library.
<b>IMS Application Development Facility (IMSADF)</b>	Yes	IMSADF V2R2 is Language Environment-enabled with APAR PN84976.
<b>IBM Print Services Facility™ (PSF™/MVS) (MVS/ESA)</b>	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
<b>OS/VS COBOL</b>	Yes	
<b>Overlay Generation Language/370 (OGL) (5688-191)</b>	N/A	Does not require a run-time library.
<b>Page Printing Formatting Aid/370 (PPFA/370) (5688-190)</b>	N/A	Does not require a run-time library.
<b>PC/TSO File Transfer Product (PC/TSO FTP)</b>	N/A	Does not require a run-time library.
<b>Print Facility (VMPRF)</b>	Yes	VMPRF is Language Environment-enabled with APAR VM59419
<b>PagePrinterMigrationProgram (PPMP) (MVS/ESA) (5695-040)</b>	Yes	Need to apply PTF: UW43230
<b>Resource Measurement Facility™ (RMF™) (MVS/ESA)</b>	N/A	Does not require a run-time library.
<b>ScreenView® (5695-047)</b>	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.
<b>SearchManager/370 for MVS (5695-070)</b>	Yes	Enabled since R3. R3 requires APARs PN73137 and PN76260.
<b>SGML Translator (5684-025)</b>	No	SGML Translator is not planning to support Language Environment.
<b>System Automation for MVS</b>	No	No plans to support Language Environment.
<b>Transmission Control Protocol/Internet Protocol (TCP/IP) for MVS</b>	Yes	Enabled since V3R1.
<b>Transmission Control Protocol/Internet Protocol (TCP/IP) for VM</b>	No	
<b>TSCF (MVS/ESA)</b>	No	Replaced by System Automation for MVS.
<b>VisualAge® Generator (MVS/ESA)</b>	Yes	Formerly known as VisualGen®
<b>VisuallInfo™ (MVS/ESA)</b>	Yes	VisuallInfo V2 works with Language Environment R5 and APAR PN81700
<b>VS/APL</b>	Yes	Enabled since R4.
<b>VS Cobol II</b>	Yes	



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## Chapter 2. Action Software International

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### 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](mailto:change@actionsoftware.com))  
**WEB SITE:**

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### Products

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





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## Chapter 3. ADPAC Corp.

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### 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>

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### 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	



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## Chapter 4. Advantis

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### 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>

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### Products

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



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## Chapter 5. Advisor Technology Services

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### 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).

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### 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™.



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## Chapter 6. Alltel Corp.

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### 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>

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### 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





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## Chapter 7. American Software, Inc.

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### 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	



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## Chapter 8. ANSYS, Inc.

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### 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



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## Chapter 9. Applications Software, Inc.

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### 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

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### Products

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



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## Chapter 10. Candle

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### 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	





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## Chapter 11. Chicago-Soft

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### 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.



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## Chapter 12. CHI/COR Information Management, Inc

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### 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>

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### 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).



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## Chapter 13. CINCOM Systems, Inc

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### 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).



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## Chapter 14. Computer Associates International, Inc.

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### 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.



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



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## Chapter 15. Computer Corporation of America

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### 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>

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### Products

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



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## Chapter 16. Compuware Corp.

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### 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>

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### 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



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## Chapter 17. Comshare, Inc.

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### 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>

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### Products

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





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## Chapter 18. COSMIC

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### 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>

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### Products

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



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## Chapter 19. Data Kinetics, Ltd.

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### 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>

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### Products

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



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## Chapter 20. Deluxe Corp.

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### 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>

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### Products

Product	Enabled	Comments
Oneware	Yes	



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## Chapter 21. Early, Cloud Solution Unit of IBM

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### 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).





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## Chapter 22. Geac Host Technologies

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### 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
<b>Expert Series Applications (E Series)</b>	Yes	Current releases of host products will work with Language Environment. Contact Geac for specific considerations.
<b>Millennium Series Applications (M Series)</b>	Yes	Current releases of host products will work with Language Environment. Contact Geac for specific considerations.



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## Chapter 23. HBO & Co.

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### 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)



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## Chapter 24. Hogan Systems, Inc.

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### 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	



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## Chapter 25. HNC Software

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### 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.





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## Chapter 26. Infodata Systems, Inc.

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### 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	



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## Chapter 27. Information Builders, Inc.

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### 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>

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### 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.



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

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### 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	



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## Chapter 29. Information Systems Of America, Inc.

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### 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>

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### Products

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





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## Chapter 30. Integral, Inc.

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### 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	



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## Chapter 31. Intersolv

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### 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>

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### Products

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



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## Chapter 32. ISOGON, Inc.

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### 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	



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## Chapter 33. Lotus Development Corporation (An IBM Company)

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### 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>

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### Products

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





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## Chapter 34. Macro 4 Inc.

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### 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>

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### Products

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



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## Chapter 35. MARBLE Computer, Inc.

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### 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	



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## Chapter 36. Merrill Consultants

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### 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>

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### Products

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



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## Chapter 37. Micro Focus, Inc.

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### 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>

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### 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.





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## Chapter 38. Mobius Management Systems, Inc.

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### 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>

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### Products

Product	Enabled	Comments
INFOPAC-RDS	Yes	



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## Chapter 39. Panarama Software

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### 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>

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### Products

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



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## Chapter 40. Pegasystems, Inc.

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### 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>

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### Products

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



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## Chapter 41. Peregrine Systems, Inc.

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### 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>

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### Products

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





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## Chapter 42. Platinum Technology

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### 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.



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## Chapter 43. Prince Software, Inc.

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### 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>

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### Products

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



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## Chapter 44. Proginet

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### 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	



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## Chapter 45. Programart Corporation

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### 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	





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## Chapter 46. Rocket Software, Inc.

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### 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>

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### Products

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



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## Chapter 47. SAS Institute

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### 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)



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## Chapter 48. Seer Technologies, Inc.

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### 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/



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## Chapter 49. Serena Software International

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### 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





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## Chapter 50. Software AG of North America, Inc.

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### 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



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## Chapter 51. Software Engineers of America (SEA)

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### 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.



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## Chapter 52. Sterling Software

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### 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	



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## Chapter 53. Stonehouse & Co.

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### 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.





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## Chapter 54. Syncsort, Inc.

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### 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	



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## Chapter 55. Texas Instruments, Inc. Co.

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### 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.

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### 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	



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## Chapter 57. Walker Interactive Systems

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### 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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