

PRINCE SOFTWARE

EMT An Enterprise Maintenance Tool

EMT, an Enterprise Maintenance Tool, is a powerful collection of utilities that assist in managing and maintaining legacy application resources. The information gathered and stored by EMT provides an accurate and comprehensive picture of your application environment and assists your programming staff in identifying and modifying those elements that are impacted by the necessary business changes of the 21st century.

Intelligently Investigates Your Complete Application Inventory

Analysis routines for Load Modules, JCL, PROCs, online tables and SMF data allow EMT to cross-reference these elements against identified programs. It then catalogues the relationship between Programs, Files, Jobs, PROCs and Copybooks for use during the reporting and analysis phase. Identifying and reporting on JCL SORT statements, EMT provides invaluable information by analyzing the impact of field usage on SORT control statements.

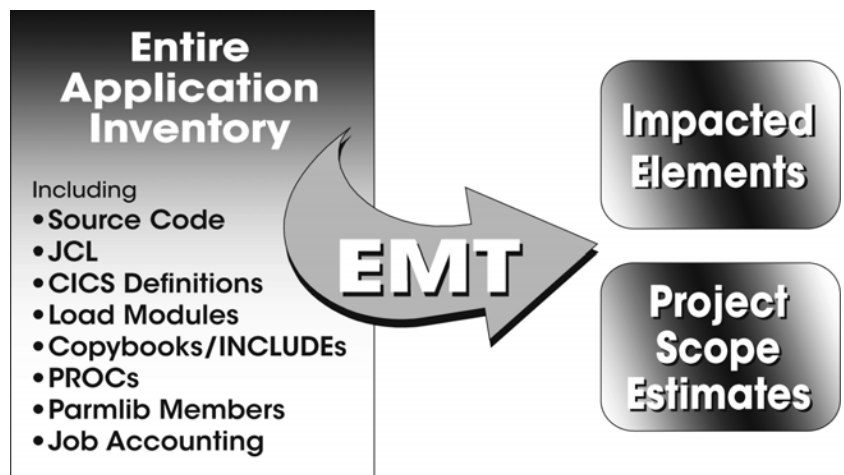
Analyzes All Defined Data Elements in Your Application Programs

Built around a powerful compiler-like parser, EMT goes far beyond scanning technologies as it analyzes and traces data elements through both direct and indirect references. This allows it to accurately identify those programs that contain specific references to selected data elements.

EMT's user-modifiable rules and ISPF-based selected field dictionary enable users to focus on, and expe-

dite, the identification process of impacted items. Comprehensive selection and filtering capabilities allow for efficient elimination of "false-positives" and assure an accurate identification of the fields in question.

EMT's true multilingual functionality allows it to search and identify fields in COBOL, PL/I and BAL programs. Its ability to identify the source language enables it to analyze whole libraries or selected groups of programs in a single pass. EMT supports CA-Librarian and CA-Panvalet library systems to further integrate with your existing application environment.



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SELECTED FIELD DICTIONARY							MARCH 31, 1999 13:52																										
DCTRPT06: REL 03.70																																	
AGGREGATE FIELD NAMES FOR LIBRARY: MHTMSR.SRVYDEMO.SOURCE																																	
GROUP: 00 PROGRAMS: ALL																																	
FIELD NAME	PICTURE	VALUE	FIELD REF TYPE	COPYBOOK	FILE	MAP	EXAMPLE PROGRAM NUMBER PROGRAMS																										
CUSTOMER-NO	X(08)			TFDATA	Y		BCOMM5 3																										
HOLD-CUST-ID	9(08)						SSVC102 4																										
CUST-ID-NUM	GROUP (8)			BLSRC1	Y		BLSR100 1																										
NEW-CUST-CODE	X(08)	'DAY IS NO					PPRS360 2																										
CUST-ID-INVALID	X(3X)	'MONTH IS					PPRS630 2																										
OLDCUST-ID-NBR	X(08)			COPYCUST			BCOMM3 3																										
<table border="0" style="width: 100%;"> <thead> <tr> <th>SUMMARY</th> <th>TOTALS</th> </tr> <tr> <th>TYPE</th> <th>FIELD COUNT</th> </tr> </thead> <tbody> <tr> <td>NAME MATCH</td> <td>772</td> </tr> <tr> <td>VALUE-LIT</td> <td>0</td> </tr> <tr> <td>PARENT</td> <td>0</td> </tr> <tr> <td>REDEFINES</td> <td>0</td> </tr> <tr> <td>REDEF PRNT</td> <td>0</td> </tr> <tr> <td>PROPAGATED</td> <td>0</td> </tr> <tr> <td>PARNT-PROP</td> <td>0</td> </tr> <tr> <td>CHILD</td> <td>0</td> </tr> <tr> <td>OVERLAP</td> <td>0</td> </tr> <tr> <td>OTHER</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td>773</td> </tr> </tbody> </table>								SUMMARY	TOTALS	TYPE	FIELD COUNT	NAME MATCH	772	VALUE-LIT	0	PARENT	0	REDEFINES	0	REDEF PRNT	0	PROPAGATED	0	PARNT-PROP	0	CHILD	0	OVERLAP	0	OTHER	0	TOTAL	773
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EMT Selected Field Dictionary Report

EMT Creates the Survey DataBase for Comprehensive Reporting

Information gathered during the identification process is stored in the Survey DataBase (SDB) and is accessible via a powerful reporting subsystem and a series of ISPF inquiry panels. Reports include:

Selected Field identification — a comprehensive dictionary of selected references

Project sizing — enabling accurate estimation of your project requirements and costs

Cross-referencing — reduces efforts by identifying obsolete or missing application elements

Program Maintenance Workbench

EMT provides a specialized, intelligent ISPF editor that focuses on the program code subject to maintenance changes. Using the information stored in the SDB, EMT highlights all lines of code involving selected fields. It also provides PF keys to enable the user to zoom in and view all the lines involving a particular field, or to jump from one reference to the next. An additional feature provides the ability to store code segments in a library, display a list of such segments on menus, and insert segments selected by PF key in the source code.

The benefits of this approach are consistency, propagation of coding standards, reduction in coding errors, and a significant increase in productivity.

Key Features of EMT

- Language Recognition
- Intelligent Editor
- Detailed Analysis of Selected Fields
- Support of Third Party Products
- Online Data Dictionary Tuning
- Load Module Analyzer

