

ADP Control Officers

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ODP-81-307
30 March 1981

MEMORANDUM FOR: Information Handling Systems Architect
All ADP Control Officers
Chief, ADP and Engineering Branch, OL
Chief, Information Systems Security
Group, Office of Security
Deputy Director for Applications, ODP
Deputy Director for Processing, ODP
Chief, Special Projects Staff, ODP

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FROM :
Chief, Management Staff, ODP

SUBJECT : Federal Software Exchange Program

1. The purpose of this memorandum is to bring to your attention the Federal Software Exchange Program. This program is administered by the Federal Software Exchange Center (FSEC) of the General Services Administration and is designed to promote the sharing of common-use software among government agencies. FSEC is tasked with acquiring government-owned or developed unclassified software and documentation and making it available government-wide. The objectives of this program are to reduce the time, cost and personnel resources required for software acquisition and development. Attachment A is a letter from the Director, Federal Software Exchange Program discussing available services and agency responsibilities.

2. Periodically, the FSEC publishes a catalog which summarizes the available software. Copies of the January 1981 catalog will be made available to Directorate ADP Control Officers as soon as they are received. Prior catalogs are available for review in ODP Management Staff (Room 2D0109,

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Headquarters). As described in the attached letter from the FSEC, components should review the FSEC catalog prior to procuring or developing software. Attachment B is the subject index from the September 1980 catalog and is provided as a sample of the types of software available from the FSEC.

3. Components are also requested to periodically review their software inventory for candidates for submission to FSEC. The process appears relatively straightforward and requires submitting an abstract form (SF 185, Attachment A) to the FSEC.

4. Note that a submitting agency will not be responsible for the maintenance of software submitted to FSEC that is subsequently implemented in this Agency. Thus, a CIA component obtaining software from FSEC will have to maintain the software. For further information regarding the services provided by the FSEC and the procedures to provide or obtain software, the FSEC may be contacted directly at (703) 756-6150, or contact [redacted] of my staff on [redacted]

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Attachment: a/s

ODP/MS/EEB:jal/[redacted](30March1981)(fedsoftex red disk)

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DISTRIBUTION:

Original and 1 - Addressee
2 - O/D/ODP
1 - MS Chrono
2 - ODP Registry



General
Services
Administration

Automated Data and
Telecommunications
Service

Software Development Office
5203 Leesburg Pike, Suite 1100
Falls Church, VA 22041

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[Redacted]
Chief, Management Staff
Office of Data Processing
Central Intelligence Agency
Room 2D0105
Washington, D.C. 20505

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[Redacted]
The Federal Software Exchange Center (FSEC) is the central point for the collection and dissemination of Federally owned software. The rising cost of labor and the cut back in Federal spending make sharing of computer programs and documentation an extremely viable method for satisfying software requirements.

To achieve maximum software sharing among Federal agencies, the Federal Property Management Regulation 101-36.16 defines required agency actions. Two important requirements are:

- a. The submission of software abstracts to the FSEC on a continuing basis.
- b. The screening of the FSEC inventory before procuring or developing the desired software.

We are requesting an increased effort in the submission of software abstracts to the FSEC. Several Standard Forms for Abstracting Computer Software (SF 185) have been enclosed for your convenience. These forms can be copied should you be unable to purchase them in a GSA supply store. Although software abstracts for all functional areas are requested, we have an immediate need for conversion aid software and software tools. The SF 185's should be returned to me at the above address.

The January 1981 issue of the Federal Software Exchange Catalog is available. Agencies should ensure that all ADP units contemplating the development or purchase of computer programs or systems have easy access to this catalog.

If you require further information regarding this program, please contact me on (FTS) 756-6150 or (703) 756-6150.

Sincerely,

Helen B. McEwan

HELEN B. McEWAN, Director
Federal Software Exchange Program

Enclosures

FEDERAL INFORMATION PROCESSING STANDARD SOFTWARE SUMMARY

01. Summary date Yr. Mo. Day			02. Summary prepared by (Name and Phone)				03. Summary action New Replacement Deletion <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
			05. Software title				Previous Internal Software ID							
04. Software date Yr. Mo. Day							07. Internal Software ID							
06. Short title			08. Software type			09. Processing mode			10. Application area					
<input type="checkbox"/> Automated Data System <input type="checkbox"/> Computer Program <input type="checkbox"/> Subroutine/Module			<input type="checkbox"/> Interactive <input type="checkbox"/> Batch <input type="checkbox"/> Combination			<u>General</u> <input type="checkbox"/> Computer Systems Support/Utility <input type="checkbox"/> Scientific/Engineering <input type="checkbox"/> Bibliographic/Textual			<u>Application area</u> <input type="checkbox"/> Management/Business <input type="checkbox"/> Process Control <input type="checkbox"/> Other			<u>Specific</u>		
11. Submitting organization and address						12. Technical contact(s) and phone								
13. Narrative														
14. Keywords														
15. Computer manuf'r and model			16. Computer operating system			17. Programing language(s)			18. Number of source program statements					
19. Computer memory requirements			20. Tape drives			21. Disk/Drum units			22. Terminals					
23. Other operational requirements														
24. Software availability Available <input type="checkbox"/> Limited <input type="checkbox"/> In-house only <input type="checkbox"/>						25. Documentation availability Available <input type="checkbox"/> Inadequate <input type="checkbox"/> In-house only <input type="checkbox"/>								
26. FOR SUBMITTING ORGANIZATION USE														

INSTRUCTIONS

01. **Summary Date.** Enter date summary prepared. Use Year, Month, Day format: YMMDD.
02. **Summary Prepared By.** Enter name and phone number (including area code) of individual who prepared this summary.
03. **Summary Action.** Mark the appropriate box for new summary, replacement summary or deletion of summary. If this software summary is a replacement, enter under "Previous Internal Software ID" the internal software identification as reported in item 07 of the original summary, and enter the new internal software identification in item 07 of this form; complete all other items as for a new summary. If a software summary is to be deleted, enter under "Previous Internal Software ID" the internal software identification as reported in item 07 of the original summary; complete only items 01, 02, 03 and 11 on this form.
04. **Software Date.** Enter date software was completed or last updated. Use Year, Month, Day format: YMMDD.
05. **Software Title.** Make title as descriptive as possible.
06. **Short Title.** (Optional) Enter commonly used abbreviation or acronym which identifies the software.
07. **Internal Software ID.** Enter a unique identification number or code.
08. **Software Type.** Mark the appropriate box for an Automated Data System (set of computer programs), Computer Program, or Subroutine/Module, whichever best describes the software.
09. **Processing Mode.** Mark the appropriate box for an Interactive, Batch, or Combination mode, whichever best describes the software.
10. **Application Area.**
 General: Mark the appropriate box which best describes the general area of application from among:

<input type="checkbox"/> Computer Systems Support/Utility	<input type="checkbox"/> Process Control
<input type="checkbox"/> Management/Business	<input type="checkbox"/> Bibliographic/Textual
<input type="checkbox"/> Scientific/Engineering	<input type="checkbox"/> Other

 Specific: Specify the sub-area of application; e.g.: "COBOL optimizer" if the general area is "Computer Systems Support/Utility"; "Payroll" if the general area is "Management/Business"; etc. Elaborate here if the general area is "Other."
11. **Submitting Organization and Address.** Identify the organization responsible for the software as completely as possible, to the Branch or Division level, but including Agency, Department (Bureau/Administration), Service, Corporation, Commission, or Council. Fill in complete mailing address, including mail code, street address, city, state, and ZIP code.
12. **Technical Contact(s) and Phone:** Enter person(s) or office(s) to be contacted for technical information on subject matter and/or operational aspects of software. Include telephone area code. Provide organization name and mailing address, if different from that in item 11.
13. **Narrative.** Describe concisely the problem addressed and methods of solution. Include significant factors such as special operating system modifications, security concerns, relationships to other software, input and output media, virtual memory requirements, and unique hardware features. Cite references, if appropriate.
14. **Keywords.** List significant words or phrases which reflect the functions, applications and features of the software. Separate entries with semicolons.
15. **Computer Manufacturer and Model.** Identify mainframe computer(s) on which software is operational.
16. **Computer Operating System.** Enter name, number, and release under which software is operating. Identify enhancements in the Narrative (item 13).
17. **Programming Language(s).** Identify the language(s) in which the software is written, including version; e.g., ANSI COBOL, FORTRAN V, SIMSCRIPT II.5, SLEUTH II.
18. **Number of Source Program Statements.** Include statements in this software, separate macros, called subroutines, etc.
19. **Computer Memory Requirements.** Enter minimum internal memory necessary to execute software, exclusive of memory required for the operating system. Specify words, bytes, characters, etc., and number of bits per unit. Identify virtual memory requirements in the Narrative (item 13).
20. **Tape Drives.** Identify number needed to operate software. Specify, if critical, manufacturer, model, tracks, recording density, etc.
21. **Disk/Drum Units.** Identify number and size (in same units as "Memory"—item 19) needed to operate software. Specify, if critical, manufacturer, model, etc.
22. **Terminals.** Identify number of terminals required. Specify, if critical, type, speed, character set, screen/line size, etc.
23. **Other Operational Requirements.** Identify peripheral devices, support software, or related equipment not indicated above, e.g., optical character devices, facsimile, computer-output microfilm, graphic plotters.
24. **Software Availability.** Mark the appropriate box which best describes the software availability from among: Available to the Public, Limited Availability (e.g. for government use only), and For-In-house Use Only. If the software is "Available", include a mail or phone contact point, as well as the price and form in which the software is available, if possible.
25. **Documentation Availability.** Mark the appropriate box which best describes the documentation availability from among: Available to the Public, Inadequate for Distribution, and For In-house Use Only. If documentation is "Available", include a mail or phone contact point, as well as the price and form in which the documentation is available, if possible. If documentation is presently "Inadequate", show the expected availability date.
26. **For Submitting Organization Use.** This area is provided for the use of the organization submitting this summary. It may contain any information deemed useful for internal operation.

SUBJECT INDEX

ACCOUNTING

Electric Power Scheduling and Accounting System.
 FSWE-80/0098
 Administrative Accounting System.
 FSWE-80/0100
 Financial Accounting System (Fast).
 FSWE-80/0103
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 FSWE-80/0117
 Payroll and Leave Accounting System.
 FSWE-80/0123
 Administrative Accounting System.
 FSWE-80/0124
 Centralized Automated Inventory Accountability System.
 FSWE-80/0125
 Workload and Manhour Accounting.
 FSWE-80/0147
 Personnel Time Accounting System.
 FSWE-80/0150

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EEO System.
 FSWE-80/0114

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A Fortran Program for Computing the Pollutant Standards Index.
 FSWE-80/0135

AIR POLLUTION SAMPLING

Unamap, Version 3, User's Network for Applied Modeling of Air Pollution.
 FSWE-80/0138

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 FSWE-80/0097

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 FSWE-80/0104
 Future Year Budget Projection.
 FSWE-80/0105

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 FSWE-80/0121

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 FSWE-80/0118
 Cobol Compiler Validation System, Version 3.0 (1974).
 FSWE-80/0139

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 FSWE-80/0087
 Cobol Compiler Validation System, Version 3.0 (1974).
 FSWE-80/0139
 Fortran Compiler Validation System, Version 1.0 (1978).
 FSWE-80/0141

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Design Single Rectangular Reinforced Concrete Conduit.
 FSWE-80/0151

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 FSWE-80/0115

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COST ESTIMATES

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 FSWE-80/0153

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Design Single Rectangular Reinforced Concrete Conduit.
 FSWE-80/0151

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 FSWE-80/0145

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 FSWE-80/0108

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 FSWE-80/0134

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 FSWE-80/0144

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 FSWE-80/0143

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 FSWE-80/0102

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 FSWE-80/0130

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 FSWE-80/0135

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 FSWE-80/0092

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 FSWE-80/0001

Treasury Payroll/Personnel Information System.
 FSWE-80/0099

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 FSWE-80/0125

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 FSWE-80/0136

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 FSWE-80/0148

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 FSWE-80/0129

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