B1000 TO B2000/3000/4000

MIGRATION

B1000 MIGRATION

Established 6/83

Ease the migration to B2000/3000/4000

B1000 MIGRATION

EVALUATION PHASE

- Documentation of differences

- Actual verification of differences

- Performance

B1000 MIGRATION

EVALUATION PHASE

- Languages

- Operations

- Application Packages

B1000 MIGRATION

IMPLEMENTATION PHASE

- Migration Utilities

- On-line Migration Manual

- B1000 features and capabilities

- Migration Management Aid

- B1000 software products that do not
  exist in B2000/3000/4000

B1000 MIGRATION

STATUS

ASR 6.7

    . B1000 CONVERGENCE ISSUES
      (COBOL74, DMS, RPG, WFL)

ASR 6.7.1

      . SOFTWARE DIFFERENCES EVALUATED & VERIFIED
        (10.0 & 6.6)
      . MIGRATION GUIDE
      . MULTI-USER ISAM
      . RPG TRANSLATOR
      . PERFORMANCE MEASUREMENT

B1000 MIGRATION

STATUS

ASR 6.8

- B1000 CONVERGENCE ISSUES
  (MCP, RPG, WFL)
- MIGRATION GUIDE (10.0 & 6.8)
- ON-LINE MIGRATION GUIDE
- FILE TRANSFER UTILITIES
  - SSCOPY
  - SSNAME
  - MSCOPY
  - ISMUTL
- LANGUAGE TRANSLATORS
  - RPG TO RPG
  - COBOL68 TO COBOL74
  - COBOL74 TO COBOL74

B1000 MIGRATION AIDS

B1000 MIGRATION AIDS

FILE TRANSFER UTILITIES

LANGUAGE TRANSLATORS

ON-LINE MIGRATION MANUAL

MIGRATION GUIDE

MIGRATION GUIDE

. Comprehensive document

. Provides information to plan and
  perform a migration

. Contains:

  . Differences between the two systems

  . Descriptions of problems and solutions

  . General recommendations

MIGRATION GUIDE

. Major areas covered are:

    . COBOL68, COBOL74

    . DASDL, DMSII

    . RPG

    . ISAM & RELATIVE FILES

    . REPORTER

    . ODESY

    . SORT

FILE TRANSFER UTILITIES

SSCOPY

SSNAME

MSCOPY

ISMUTL

SSCOPY

CAPABILITIES

. Copies files from B1000 library tape
  to disk/diskpack on B2000/3000/4000

. Produces tape directory

. Provides HELP information

. Provides hard copy of its functional
  description & operational instructions

. Allows deferring of renaming process

. Produces a file for interface with the
  migration aid, SSNAME

Runs on B2000/3000/4000 series

SSCOPY

COMMANDS

HELP [<command>]

DIR <B1000 tape-name>

$\left\{\begin{array}{l}\text{ADD}\\\text{COPY}\end{array}\right\}$ <file-names> AS <new file-names>

FROM <tape-name> $\left[\begin{array}{l}\text{<DISK>}\\\text{TO <PACK>}\\\text{<pack-name>}\end{array}\right]$

SSCOPY

EXAMPLE:

EX SSCOPY

```
BOJ SSCOPY=27 090183 18: 07
SSCOPY=27 *** B1000 TO B2000/3000/4000 FILE TRANSFER UTILITY ***
SSCOPY=27 *** ENTER COMMAND OR HELP ***
** SSCOPY=27 ACCEPT
```

27AX"COPY =/= AS MSS= FROM SSTAPE"

```
@00100 LINE OPEN OUT SSCOPY=27
SSCOPY=27 10 FILES COPIED.
@00100 LINE LCOKED 7/0 DPK SSCOPY=27
EOJ SSCOPY=27 18: 09 IN 01: 15
```

SSNAME

Interactive, screen-based

CAPABILITIES

- Renames files copied by SSCOPY

- Converts files to B2000/3000/4000 EDITOR files

- File reblocking

- Allows viewing, changing and printing of any part of the NAMES file

- Initiates actual changes in batch

- Generates an output listing

- Provides HELP information

Runs on B2000/3000/4000 series

MSCOPY

CAPABILITIES

- Copies files from B2000/3000/4000
  SYSTEM/COPY tape to 180-byte media
  on B1000 series systems

- Produces tape directory

- Provides HELP information

- Recognizes and changes B2000/3000/4000
  EDITOR files to sequential B1000 CANDE
  files

- Generates an output listing

Runs on B1000 series systems

MSCOPY

COMMANDS

HELP [<command>]

DIR <B2000/3000/4000 tape-name>

$$\left\{\begin{array}{l} \text{ADD} \\ \text{COPY} \end{array}\right\}$$ <file-names> AS <new file-names>

FROM <tape-name> $$\left[\begin{array}{l} \quad\quad\text{<DISK>} \\ \text{TO <PACK>} \\ \quad\quad\text{<pack-name>} \end{array}\right]$$

MSCOPY

EXAMPLES:

EX MSCOPY; AX HELP

EX MSCOPY; AX COPY = AS A/=
        FROM MSTAPE TO SSPACK

ISAM FILE TRANSFER

Two-part utility

    MIGR/ISAM
    ISMUTL

MIGR/ISAM runs on B1000 series

ISMUTL runs on B2000/3000/4000 series

Interactive, screen-based

ISAM FILE TRANSFER

STEPS

1. Run MIGR/ISAM on B1000

   Not required if transferring COBOL68
   and RPG indexed files

2. Transfer flat file to B2/3/4000
   using SSCOPY

3. Run ISMUTL on B2/3/4000

   Takes the ISAM file description from
   any converted RPG/COBOL program which
   uses the ISAM file.

LANGUAGE TRANSLATORS

RPG TO RPG

COBOL68 TO COBOL74

COBOL74 TO COBOL74

RPG TRANSLATOR

Translates B1000 RPG to B2/3/4000 RPG

Runs on B2000/3000/4000

FEATURES

      . Filters syntax differences

      . Flags specifications requiring
        manual changes

      . Generates an output listing

COBOL TRANSLATOR

. Translates B1000 COBOL68 to
B2000/3000/4000 COBOL74

. Translates B1000 COBOL74 to
B2000/3000/4000 COBOL74

. Runs on B2000/3000/4000

COBOL TRANSLATOR

FEATURES

- Filters constructs that have equivalents

- Flags constructs that have no equivalents

- Warns constructs that could have different meanings

- Generates an output listing

- Creates a new source

ON-LINE MIGRATION MANUAL

. Runs on B2000/3000/4000 series

. Interactively view all or part
  of a manual

. Created from printer backup files

. Keyword files

ON-LINE MIGRATION MANUAL

BENEFITS

. Reduces tremendous amount of
  manual referencing

. Reduces misinformation caused
  out-dated information

. Quick, easy-to-use

ON-LINE MIGRATION MANUAL

FEATURES

. Interactive

. HELP screen

. Simple command language

. Provides date/version

. Can view pages using keywords

. Obtain hard copy of all or part
  of a manual

ON-LINE MIGRATION MANUAL

COMMANDS

      HELP
      LIST
      PRINT
      NEXT
      BACK
      VERSION
      END