

File Types Comparison : isCOBOL - Micro Focus COBOL - ACUCOBOL-GT - RM/COBOL

Author: Veryant Support

Saved From: <http://support.veryant.com/support/phpkb/question.php?ID=172>

File Types Comparison isCOBOL - Micro Focus COBOL - ACUCOBOL-GT - RM/COBOL

The table below shows the compatibility between isCOBOL and other COBOLs with regards to sequential, relative and indexed files.

A green background means full compatibility (no action required) while a yellow background means that a data migration is required and can be accomplished easily using compilers and utilities provided by Veryant and the other COBOL vendor.

A red background means that a conversion program must be written. Contact your Veryant representative to discuss professional services to help in these cases.

	ACUCOBOL-GT	Micro Focus	RM/COBOL
Binary Sequential with fixed-length records	Veryant COBOL compatible	Veryant COBOL compatible	Veryant COBOL compatible
Binary Sequential with variable-length records	Veryant COBOL compatible	Requires conversion Follow the procedure outlined below	Requires conversion Follow the procedure outlined below
Line Sequential with fixed-length records	Veryant COBOL compatible	Veryant COBOL compatible	Veryant COBOL compatible
Line Sequential with variable-length records	Veryant COBOL compatible	Veryant COBOL compatible	Veryant COBOL compatible
Relative with fixed-length records	Veryant COBOL compatible	Requires conversion Utility provided by Veryant Support	Veryant COBOL compatible
Relative with variable-length records	Unsupported file format (rarely used) Requires conversion Follow the procedure outlined below	Unsupported file format (rarely used) Requires conversion Follow the procedure outlined below	Unsupported file format (rarely used) Requires conversion Follow the procedure outlined below
Indexed with fixed-length records			

Indexed with
variable-length records

Access to Vision files
provided via a licensed
copy of the
ACUCOBOL-GT runcbl
library

Requires conversion
Use jutil -convert to
convert these files to
Veryant JISAM format
(The Micro Focus rebuild
utility is required by JUTIL
in order to facilitate the
conversion)

Requires conversion
Convert to Veryant
JISAM format with the
following steps:
1) Create an empty
JISAM file by running a
program that opens for
output the FD with
isCOBOL
2) Unload data from the
input file using the
RM/COBOL recover2
utility
3) Run jutil -loadr2

Procedure for converting variable-length record Binary Sequential or variable-length record Relative files to a supported Veryant format

- Read the records from the variable-length record input file (i.e. add RECORD ... DEPENDING ON *depend-variable* in the file's FD where *depend-variable* will be filled in with the record size.)
- Write the records to a new fixed-length record Binary Sequential output file but begin the output file's FD with a two byte COMP-4 item that is filled in with the record size from the input file's *depend-variable*. Use this new file as the variable-length record Binary Sequential file with Veryant COBOL.
or
- Write the records to a new fixed-length record Relative output file using the maximum record size from the input file as the record size of the output file.