

## Does isCOBOL support EBCDIC? How?

isCOBOL supports EBCDIC in data files, working-storage, and linkage parameters.

To configure isCOBOL to treat all data as EBCDIC set the `iscobol.encoding` property. For example,

```
iscobol.encoding=Cp037
```

`iscobol.encoding` can be set to any of the Java Canonical Names for `java.io` and `java.lang` API. You can find these listed in the Java SE Documentation [Supported Encodings](#).

isCOBOL also provides a library routine `C$CODESET` that can be used to convert from one encoding to another. See the isCOBOL Documentation : Appendices : Library Routines.

For example, the following code converts "test string" from ASCII to EBCDIC:

```
working-storage section.                                01  TRANS-FLAG PIC 9(2
) COMP-X.01  TRANS-LENGTH PIC 9(9) COMP-X. 01  TRANS-STRING PIC X(80).01  ENCODING PIC
X(6) value "Cp037".01  RETURN-VALUE  PIC 9(04)  VALUE 0.procedure division.

      main-logic.      move 1                to TRANS-FLAG.      move 80                to
TRANS-LENGTH.      move "test string" to TRANS-STRING.      CALL "C$CODESET"      USI
NG TRANS-FLAG, TRANS-LENGTH,      TRANS-STRING , ENCODING      GIVING RETURN-
VALUE
```

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