NAME

iconv – code set conversion utility

SYNOPSIS

iconv –**f** *fromcode* –**t** *tocode* [*file*. . .]

AVAILABILITY

SUNWcsu

DESCRIPTION

The **iconv** command converts the characters or sequences of characters in *file* from one code set to another and writes the results to standard output. Should no conversion exist for a particular character then it is converted to the underscore '_' in the target codeset.

iconv will always convert to or from the ISO 8859-1 Latin alphabet No.1, from or to an ISO 646 ASCII variant codeset for a particular language. The ISO 8859-1 codeset will support the majority of 8 bit codesets. The conversions attempted by **iconv** accommodate the most commonly used languages.

The following table lists the supported conversions.

Code Set Conversions Supported				
Code	Symbol	Target Code	Symbol	comment
ISO 646	646	ISO 8859-1	8859	US ASCII
ISO 646de	646de	ISO 8859-1	8859	German
ISO 646da	646da	ISO 8859-1	8859	Danish
ISO 646en	646en	ISO 8859-1	8859	English ASCII
ISO 646es	646es	ISO 8859-1	8859	Spanish
ISO 646fr	646fr	ISO 8859-1	8859	French
ISO 646it	646it	ISO 8859-1	8859	Italian
ISO 646sv	646sv	ISO 8859-1	8859	Swedish
ISO 8859-1	8859	ISO 646	646	7 bit ASCII
ISO 8859-1	8859	ISO 646de	646de	German
ISO 8859-1	8859	ISO 646da	646da	Danish
ISO 8859-1	8859	ISO 646en	646en	English ASCII
ISO 8859-1	8859	ISO 646es	646es	Spanish
ISO 8859-1	8859	ISO 646fr	646fr	French
ISO 8859-1	8859	ISO 646it	646it	Italian
ISO 8859-1	8859	ISO 646sv	646sv	Swedish

The conversions are performed according to the tables found on **iconv**(5).

OPTIONS

The following options are supported:

–**f** *fromcode* Identifies the input code set.

–**t** *tocode* Identifies the output code set.

OPERANDS

The following operands are supported:

file A path name of the input file to be translated. If *file* is omitted, the standard input is used.

EXAMPLES

The following converts the contents of file **mail1** from code set **8859** to **646fr** and stores the results in file **mail.local**.

example% iconv −f 8859 −t 646fr mail1 > mail.local

ENVIRONMENT

See **environ**(5) for descriptions of the following environment variables that affect the execution of **iconv**: **LC_CTYPE**, **LC_MESSAGES**, and **NLSPATH**.

EXIT STATUS

The following exit values are returned:

0 upon successful completion

1 an error has occurred.

FILES

/usr/lib/iconv/*.so	conversion modules
/usr/lib/iconv/*.t	conversion tables
/usr/lib/iconv/iconv_data	list of conversions supported by conversion tables

SEE ALSO

iconv(3), **environ**(5), **iconv**(5)

NOTES

iconv can use conversion modules (**/usr/lib/iconv/*.so**) or conversion tables (**/usr/lib/iconv/*.t**). If a conversion module and a conversion table both exist for a particular codeset conversion, **iconv** uses the conversion module.

Refer to the **/usr/share/man/man5/iconv_*locale*.5** manual page in the Asian localized releases for information on which codeset conversions are supported. For example, the command

% man −s 5 iconv_ja

would display the manual page describing the codeset conversions that are supported for the Japanese locale.

Note that the **iconv_*locale*.5** manual page may not exist in every localized release. Also, the **iconv_*locale*.5** manual page does not exist in the U. S. (non-localized) release.