

NAME

gencmn – generate an ICU memory-mappable data file

SYNOPSIS

gencmn [**-h**, **-?**, **--help**] [**-v**, **--verbose**] [**-c**, **--copyright** | **-C**, **--comment** *comment*] [**-d**, **--destdir** *destination*] [**-n**, **--name** *name*] [**-t**, **--type** *fileext*] [**-S**, **--source**] [**-e**, **--entrypoint** *name*] *maxsize* [*listfilename*]

DESCRIPTION

gencmn takes a set of files and packages them as an ICU memory-mappable data file. The resulting data file can then be used directly by ICU.

gencmn reads a list of files to be packaged from either the supplied *listfilename* file, or from its standard output. It packages all the files from the list that are not bigger than *maxsize* bytes, except if *maxsize* is 0, which indicates that there is no size limit on files.

OPTIONS

-h, **-?**, **--help**

Print help about usage and exit.

-v, **--verbose**

Display extra informative messages during execution.

-c, **--copyright**

Include the ICU copyright notice in the resulting data.

-C, **--comment** *comment*

Include the specified *comment* in the resulting data instead of the ICU copyright notice.

-d, **--destdir** *destination*

Set the destination directory to *destination*. The default destination directory is specified by the environment variable **ICU_DATA**.

-n, **--name** *name*

Set the data name to *name* instead of the default. This name is also used as the base name of the output. The default name is made of the *icudt* prefix, followed by a two-digit version number corresponding to the current version of the ICU release, and a single letter indicating the endianness of the data (the letter *b* indicated big endian data, and the letter *l* indicates little endian ones).

-t, **--type** *type*

Use *type* as the type of the data. This type is also used as the extension of the generated data file. The default type is *dat*.

-S, **--source**

Write a C source file with the table of contents of the data.

-e, **--entrypoint** *name*

Set the data entry point (used for linking against the data in a shared library form) to *name*. The default entry point name is made of the data (set by the **-n**, **--name** option) followed by an underscore and the type of the data (set by the **-t**, **--type** option).

ENVIRONMENT**ICU_DATA**

Specifies the directory containing ICU data. Defaults to **\${prefix}/share/icu/63.2/**. Some tools in ICU depend on the presence of the trailing slash. It is thus important to make sure that it is present if **ICU_DATA** is set.

VERSION

63.2

COPYRIGHT

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SEE ALSO

decmn(8)