NAME

gensprep − compile StringPrep data from files filtered by filterRFC3454.pl

SYNOPSIS

gensprep [**−h**, **−?**, **−−help**] [**−v**, **−−verbose**] [**−c**, **−−copyright**] [**−s**, **−−sourcedir** *source*] [**−d**, **−−destdir** *destination*]

DESCRIPTION

gensprep reads filtered RFC 3454 files and compiles their information into a binary form. The resulting file, **<name>.icu**, can then be read directly by ICU, or used by **pkgdata**(8) for incorporation into a larger archive or library.

The files read by **gensprep** are described in the **FILES** section.

OPTIONS

−h, **−?**, **−−help**

Print help about usage and exit.

−v, **−−verbose**

Display extra informative messages during execution.

−c, **−−copyright**

Include a copyright notice into the binary data.

−s, **−−sourcedir** *source*

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

−d, **−−destdir** *destination*

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

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.

FILES

The following files are read by **gensprep** and are looked for in the *source* /misc for rfc3454_*.txt files and in *source* /unidata for NormalizationCorrections.txt.

rfc3453_A_1.txt   Contains the list of unassigned codepoints in Unicode version 3.2.0. . . .

rfc3454_B_1.txt   Contains the list of code points that are commonly mapped to nothing. . . .

rfc3454_B_2.txt   Contains the list of mappings for casefolding of code points when Normalization form NFKC is specified. . . .

rfc3454_C_X.txt   Contains the list of code points that are prohibited for IDNA.

NormalizationCorrections.txt

Contains the list of code points whose normalization has changed since Unicode Version 3.2.0.

VERSION

63.2

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SEE ALSO

pkgdata(8)