

**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/73.2/`**. 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**

73.2

**COPYRIGHT**

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**SEE ALSO**

**pkgdata(8)**