**NAME**

    **genbrk** - Compiles ICU break iteration rules source files into binary data files

**SYNOPSIS**

    **genbrk** [ **-h**, **-?**, **--help** ] [ **-V**, **--version** ] [ **-c**, **--copyright** ] [ **-v**, **--verbose** ] [ **-d**, **--destdir** *destination* ] [
    **-i**, **--icudatadir** *directory* ] **-r**, **--rules** *rule-file* **-o**, **--out** *output-file*

**DESCRIPTION**

    **genbrk** reads the break (boundary) rule source code from *rule-file* and creates a break iteration data file.
    Normally this data file has the **.brk** extension.

    The details of the rule syntax can be found in ICU's User Guide.

**OPTIONS**

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

        Print help about usage and exit.

    **-V**, **--version**

        Print the version of **genbrk** and exit.

    **-c**, **--copyright**

        Embeds the standard ICU copyright into the *output-file*.

    **-v**, **--verbose**

        Display extra informative messages during execution.

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

        Set the destination directory of the *output-file* to *destination*.

    **-i**, **--icudatadir** *directory*

        Look for any necessary ICU data files in *directory*. For example, the file **pnames.icu** must be
        located when ICU's data is not built as a shared library. The default ICU data directory is
        specified by the environment variable **ICU_DATA**. Most configurations of ICU do not require
        this argument.

    **-r**, **--rules** *rule-file*

        The source file to read.

    **-o**, **--out** *output-file*

        The output data file to write.

**CAVEATS**

When the *rule-file* contains a byte order mark (BOM) at the beginning of the file, which is the Unicode character **U+FEFF,** then the *rule-file* is interpreted as Unicode. Without the BOM, the file is interpreted in the current operating system default codepage.  In order to eliminate any ambiguity of the encoding for how the *rule-file* was written, it is recommended that you write this file in UTF-8 with the BOM.

**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.

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**VERSION**

1.0

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**SEE ALSO**

**http://www.icu-project.org/userguide/boundaryAnalysis.html**