

## 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/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.

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## VERSION

1.0

## COPYRIGHT

Copyright (C) 2005 International Business Machines Corporation and others

**SEE ALSO**

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