

**NAME**

**uuidgen** - generate universally unique identifiers

**SYNOPSIS**

**uuidgen** [-1] [-r] [-c] [-n *count*] [-o *filename*]

**DESCRIPTION**

The **uuidgen** utility by default generates a single DCE version 1 universally unique identifier (UUID), also known as a globally unique identifier (GUID). The UUID is written to stdout by default. The following options can be used to change the behaviour of **uuidgen**:

- 1 This option only has effect if multiple identifiers are to be generated and instructs **uuidgen** to not generate them in batch, but one at a time.
- r This option controls creation of random UUID (version 4).
- c This option controls creation of compact UUID (without hyphen).
- n This option controls the number of identifiers generated. By default, multiple identifiers are generated in batch. The upper hard limit is 2048 (see `uuidgen(2)`).
- o Redirect output to *filename* instead of stdout.

Batched generation yields a dense set of identifiers in such a way that there is no identifier that is larger than the smallest identifier in the set and smaller than the largest identifier in the set and that is not already in the set.

When generating the identifiers one at a time, the identifiers will be close to each other, but operating system latency and processing time will be reflected in the distance between two successive identifiers.

**EXIT STATUS**

The **uuidgen** utility exits 0 on success, and >0 if an error occurs.

**SEE ALSO**

`uuidgen(2)`, `uuid(3)`

**HISTORY**

The **uuidgen** command first appeared in FreeBSD 5.0.