NAME

uuid_parse − convert an input UUID string into binary representation

SYNOPSIS

#include <uuid.h>

int uuid_parse(char ****in*, uuid_t** *uu***);**
int uuid_parse_range(char ****in_start*, char ****in_end***, uuid_t** *uu***);**

DESCRIPTION

The **uuid_parse**() function converts the UUID string given by *in* into the binary representation. The input UUID is a string of the form 1b4e28ba−2fa1−11d2−883f−b9a761bde3fb (in **printf**(3) format "%08x−%04x−%04x−%04x−%012x", 36 bytes plus the trailing '\0').

The **uuid_parse_range**() function works like **uuid_parse**() but parses only range in string specified by *in_start* and *in_end* pointers.

RETURN VALUE

Upon successfully parsing the input string, 0 is returned, and the UUID is stored in the location pointed to by *uu*, otherwise −1 is returned.

CONFORMING TO

This library parses UUIDs compatible with OSF DCE 1.1, and hash based UUIDs V3 and V5 compatible with RFC−4122 <https://tools.ietf.org/html/rfc4122>.

AUTHORS

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SEE ALSO

uuid(3), **uuid_clear**(3), **uuid_compare**(3), **uuid_copy**(3), **uuid_generate**(3), **uuid_is_null**(3), **uuid_time**(3), **uuid_unparse**(3)

REPORTING BUGS

For bug reports, use the issue tracker at https://github.com/util−linux/util−linux/issues.

AVAILABILITY

The **libuuid** library is part of the util−linux package since version 2.15.1. It can be downloaded from Linux Kernel Archive <https://www.kernel.org/pub/linux/utils/util−linux/>.