

## NAME

gnutls\_utf8\_password\_normalize - API function

## SYNOPSIS

```
#include <gnutls/gnutls.h>
```

```
int gnutls_utf8_password_normalize(const unsigned char * password, unsigned plen, gnutls_datum_t *  
out, unsigned flags);
```

## ARGUMENTS

const unsigned char \* *password*  
    contain the UTF-8 formatted password

unsigned *plen* the length of the provided password

gnutls\_datum\_t \* *out*  
    the result in an null-terminated allocated string

unsigned *flags*  
    should be zero

## DESCRIPTION

This function will convert the provided UTF-8 password according to the normalization rules in RFC7613.

If the flag **GNUTLS\_UTF8\_IGNORE\_ERRS** is specified, any UTF-8 encoding errors will be ignored, and in that case the output will be a copy of the input.

## RETURNS

**GNUTLS\_E\_INVALID\_UTF8\_STRING** on invalid UTF-8 data, or 0 on success.

## SINCE

3.5.7

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.  
Home page: <https://www.gnutls.org>

## COPYRIGHT

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## SEE ALSO

The full documentation for **gnutls** is maintained as a Texinfo manual. If the `/usr/local/share/doc/gnutls/` directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>