

NAME

gnutls_srp_base64_encode - API function

SYNOPSIS

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

```
int gnutls_srp_base64_encode(const gnutls_datum_t * data, char * result, size_t * result_size);
```

ARGUMENTS

const gnutls_datum_t * data

contain the raw data

char * result the place where base64 data will be copied

size_t * result_size

holds the size of the result

DESCRIPTION

This function will convert the given data to printable data, using the base64 encoding, as used in the libsrp. This is the encoding used in SRP password files. If the provided buffer is not long enough GNUTLS_E_SHORT_MEMORY_BUFFER is returned.

Warning! This base64 encoding is not the "standard" encoding, so do not use it for non-SRP purposes.

RETURNS

GNUTLS_E_SHORT_MEMORY_BUFFER if the buffer given is not long enough, or 0 on success.

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

COPYRIGHT

Copyright (C) 2001- Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

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/>