

NAME

gnutls_alpn_set_protocols - API function

SYNOPSIS

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

```
int gnutls_alpn_set_protocols(gnutls_session_t session, const gnutls_datum_t * protocols, unsigned protocols_size, unsigned int flags);
```

ARGUMENTS

gnutls_session_t session

is a **gnutls_session_t** type.

const gnutls_datum_t * protocols

is the protocol names to add.

unsigned protocols_size

the number of protocols to add.

unsigned int flags

zero or a sequence of **gnutls_alpn_flags_t**

DESCRIPTION

This function is to be used by both clients and servers, to declare the supported ALPN protocols, which are used during negotiation with peer.

See **gnutls_alpn_flags_t** description for the documentation of available flags.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code is returned.

Since 3.2.0

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/>