

**NAME**

gnutls\_pkcs7\_export - API function

**SYNOPSIS**

```
#include <gnutls/pkcs7.h>
```

```
int gnutls_pkcs7_export(gnutls_pkcs7_t pkcs7, gnutls_x509_cert_fmt_t format, void * output_data, size_t * output_data_size);
```

**ARGUMENTS**

gnutls\_pkcs7\_t pkcs7  
The pkcs7 type

gnutls\_x509\_cert\_fmt\_t format  
the format of output params. One of PEM or DER.

void \* output\_data  
will contain a structure PEM or DER encoded

size\_t \* output\_data\_size  
holds the size of output\_data (and will be replaced by the actual size of parameters)

**DESCRIPTION**

This function will export the pkcs7 structure to DER or PEM format.

If the buffer provided is not long enough to hold the output, then \* *output\_data\_size* is updated and **GNUTLS\_E\_SHORT\_MEMORY\_BUFFER** will be returned.

If the structure is PEM encoded, it will have a header of "BEGIN PKCS7".

**RETURNS**

On success, **GNUTLS\_E\_SUCCESS** (0) is returned, otherwise a negative error value.

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

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

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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/>