

## NAME

gnutls\_sign\_algorithm\_get\_requested - API function

## SYNOPSIS

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

```
int gnutls_sign_algorithm_get_requested(gnutls_session_t session, size_t indx,  
gnutls_sign_algorithm_t * algo);
```

## ARGUMENTS

gnutls\_session\_t session

is a **gnutls\_session\_t** type.

size\_t indx is an index of the signature algorithm to return

gnutls\_sign\_algorithm\_t \* algo

the returned certificate type will be stored there

## DESCRIPTION

Returns the signature algorithm specified by index that was requested by the peer. If the specified index has no data available this function returns **GNUTLS\_E\_REQUESTED\_DATA\_NOT\_AVAILABLE**. If the negotiated TLS version does not support signature algorithms then **GNUTLS\_E\_REQUESTED\_DATA\_NOT\_AVAILABLE** will be returned even for the first index. The first index is 0.

This function is useful in the certificate callback functions to assist in selecting the correct certificate.

## RETURNS

On success, **GNUTLS\_E\_SUCCESS** (0) is returned, otherwise an error code is returned.

## SINCE

2.10.0

## 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/>