

**NAME**

DH\_size - get Diffie-Hellman prime size

**SYNOPSIS**

```
#include <openssl/dh.h>
```

```
int DH_size(DH *dh);
```

**DESCRIPTION**

This function returns the Diffie-Hellman size in bytes. It can be used to determine how much memory must be allocated for the shared secret computed by *DH\_compute\_key()*.

**dh->p** must not be **NULL**.

**RETURN VALUE**

The size in bytes.

**SEE ALSO**

*dh(3)*, *DH\_generate\_key(3)*

**HISTORY**

*DH\_size()* is available in all versions of SSLeay and OpenSSL.