NAME

OPENSSL_config, OPENSSL_no_config - simple OpenSSL configuration functions

SYNOPSIS

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

#if OPENSSL_API_COMPAT < 0x10100000L
void OPENSSL_config(const char *appname);
void OPENSSL_no_config(void);
#endif
```

DESCRIPTION

OPENSSL_config() configures OpenSSL using the standard **openssl.cnf** and reads from the application section **appname**. If **appname** is NULL then the default section, **openssl_conf**, will be used. Errors are silently ignored. Multiple calls have no effect.

OPENSSL_no_config() disables configuration. If called before *OPENSSL_config()* no configuration takes place.

If the application is built with **OPENSSL_LOAD_CONF** defined, then a call to *OpenSSL_add_all_algorithms()* will implicitly call *OPENSSL_config()* first.

NOTES

The *OPENSSL_config()* function is designed to be a very simple "call it and forget it" function. It is however **much** better than nothing. Applications which need finer control over their configuration functionality should use the configuration functions such as *CONF_modules_load()* directly. This function is deprecated and its use should be avoided. Applications should instead call *CONF_modules_load()* during initialization (that is before starting any threads).

There are several reasons why calling the OpenSSL configuration routines is advisable. For example, to load dynamic ENGINEs from shared libraries (DSOs). However very few applications currently support the control interface and so very few can load and use dynamic ENGINEs. Equally in future more sophisticated ENGINEs will require certain control operations to customize them. If an application calls *OPENSSL_config()* it doesn't need to know or care about ENGINE control operations because they can be performed by editing a configuration file.

RETURN VALUES

Neither *OPENSSL_config()* nor *OPENSSL_no_config()* return a value.

SEE ALSO

conf(5) , *CONF_modules_load_file(3)*

HISTORY

The *OPENSSL_no_config()* and *OPENSSL_config()* functions were deprecated in OpenSSL 1.1.0 by *OPENSSL_init_crypto()*.

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