

**NAME**

OPENSSL\_load\_builtin\_modules, ASN1\_add\_oid\_module, ENGINE\_add\_conf\_module - add standard configuration modules

**SYNOPSIS**

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

```
void OPENSSL_load_builtin_modules(void);  
void ASN1_add_oid_module(void);  
void ENGINE_add_conf_module(void);
```

**DESCRIPTION**

The function **OPENSSL\_load\_builtin\_modules()** adds all the standard OpenSSL configuration modules to the internal list. They can then be used by the OpenSSL configuration code.

**ASN1\_add\_oid\_module()** adds just the ASN1 OBJECT module.

**ENGINE\_add\_conf\_module()** adds just the ENGINE configuration module.

**NOTES**

If the simple configuration function **OPENSSL\_config()** is called then **OPENSSL\_load\_builtin\_modules()** is called automatically.

Applications which use the configuration functions directly will need to call **OPENSSL\_load\_builtin\_modules()** themselves *before* any other configuration code.

Applications should call **OPENSSL\_load\_builtin\_modules()** to load all configuration modules instead of adding modules selectively: otherwise functionality may be missing from the application if an when new modules are added.

**RETURN VALUES**

None of the functions return a value.

**SEE ALSO**

**config(5)**, **OPENSSL\_config(3)**

**HISTORY**

**ENGINE\_add\_conf\_module()** was deprecated in OpenSSL 3.0.

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