

NAME

RSA_print, RSA_print_fp, DSAParams_print, DSAParams_print_fp, DSA_print, DSA_print_fp, DHparams_print, DHparams_print_fp - print cryptographic parameters

SYNOPSIS

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

int RSA_print(BIO *bp, RSA *x, int offset);
int RSA_print_fp(FILE *fp, RSA *x, int offset);

#include <openssl/dsa.h>

int DSAParams_print(BIO *bp, DSA *x);
int DSAParams_print_fp(FILE *fp, DSA *x);
int DSA_print(BIO *bp, DSA *x, int offset);
int DSA_print_fp(FILE *fp, DSA *x, int offset);

#include <openssl/dh.h>

int DHparams_print(BIO *bp, DH *x);
int DHparams_print_fp(FILE *fp, DH *x);
```

DESCRIPTION

A human-readable hexadecimal output of the components of the RSA key, DSA parameters or key or DH parameters is printed to **bp** or **fp**.

The output lines are indented by **offset** spaces.

RETURN VALUES

These functions return 1 on success, 0 on error.

SEE ALSO

[dh\(3\)](#), [dsa\(3\)](#), [rsa\(3\)](#), [BN_bn2bin\(3\)](#)

HISTORY

RSA_print(), *RSA_print_fp()*, *DSA_print()*, *DSA_print_fp()*, *DH_print()*, *DH_print_fp()* are available in all versions of SSLeay and OpenSSL. *DSAParams_print()* and *DSAParams_print_fp()* were added in SSLeay 0.8.