

NAME

DSA_SIG_new, DSA_SIG_free - allocate and free DSA signature objects

SYNOPSIS

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

DSA_SIG *DSA_SIG_new(void);

void DSA_SIG_free(DSA_SIG *a);
```

DESCRIPTION

DSA_SIG_new() allocates and initializes a **DSA_SIG** structure.

DSA_SIG_free() frees the **DSA_SIG** structure and its components. The values are erased before the memory is returned to the system.

RETURN VALUES

If the allocation fails, *DSA_SIG_new()* returns **NULL** and sets an error code that can be obtained by *ERR_get_error(3)*. Otherwise it returns a pointer to the newly allocated structure.

DSA_SIG_free() returns no value.

SEE ALSO

dsa(3), *ERR_get_error(3)*, *DSA_do_sign(3)*

HISTORY

DSA_SIG_new() and *DSA_SIG_free()* were added in OpenSSL 0.9.3.