

**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.