

**NAME****FFI** — Foreign Function Interface**LIBRARY**

libffi, -lffi

**SYNOPSIS**

```
#include <ffi.h>

ffi_status
ffi_prep_cif(ffi_cif *cif, ffi_abi abi, unsigned int nargs, ffi_type *rtype,
             ffi_type **atypes);

void
ffi_prep_cif_var(ffi_cif *cif, ffi_abi abi, unsigned int nfixedargs,
                 unsigned int ntotalargs, ffi_type *rtype, ffi_type **atypes);

void
ffi_call(ffi_cif *cif, void (*fn)(void), void *rvalue, void **avalue);
```

**DESCRIPTION**

The foreign function interface provides a mechanism by which a function can generate a call to another function at runtime without requiring knowledge of the called function's interface at compile time.

**SEE ALSO**

ffi\_prep\_cif(3), ffi\_prep\_cif\_var(3), ffi\_call(3)