NAME

fido_bio_info_new, **fido_bio_info_free**, **fido_bio_info_type**, **fido_bio_info_max_samples** - FIDO2 biometric sensor information API

SYNOPSIS

#include <fido.h>
#include <fido/bio.h>

*fido_bio_info_t **
fido_bio_info_new(*void*);

void
fido_bio_info_free(*fido_bio_info_t **info_p*);

uint8_t
fido_bio_info_type(*const fido_bio_info_t *info*);

uint8_t
fido_bio_info_max_samples(*const fido_bio_info_t *info*);

DESCRIPTION

Biometric sensor metadata is abstracted in *libfido2* by the *fido_bio_info_t* type.

The functions described in this page allow a *fido_bio_info_t* type to be allocated, deallocated, and inspected. For device operations on *fido_bio_info_t*, please refer to fido_bio_dev_get_info(3).

The **fido_bio_info_new**() function returns a pointer to a newly allocated, empty *fido_bio_info_t* type. If memory cannot be allocated, NULL is returned.

The **fido_bio_info_free**() function releases the memory backing **info_p*, where **info_p* must have been previously allocated by **fido_bio_info_new**(). On return, **info_p* is set to NULL. Either *info_p* or **info_p* may be NULL, in which case **fido_bio_info_free**() is a NOP.

The **fido_bio_info_type**() function returns the fingerprint sensor type, which is 1 for touch sensors, and 2 for swipe sensors.

The **fido_bio_info_max_samples**() function returns the maximum number of successful samples required for enrollment.

SEE ALSO

fido_bio_dev_get_info(3), fido_bio_enroll_new(3), fido_bio_template(3)