

NAME

fidobioinfo_new, **fidobioinfo_free**, **fidobioinfo_type**, **fidobioinfo_max_samples** - FIDO2 biometric sensor information API

SYNOPSIS

```
#include <fidobio.h>
```

```
#include <fidobio/bio.h>
```

```
fidobioinfo_t *
```

```
fidobioinfo_new(void);
```

```
void
```

```
fidobioinfo_free(fidobioinfo_t **info_p);
```

```
uint8_t
```

```
fidobioinfo_type(const fidobioinfo_t *info);
```

```
uint8_t
```

```
fidobioinfo_max_samples(const fidobioinfo_t *info);
```

DESCRIPTION

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

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

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

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

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

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

SEE ALSO

fidobio_dev_get_info(3), fidobio_enroll_new(3), fidobio_template(3)