NAME

mifare_ultralight_connect, **mifare_ultralight_disconnect**, **mifare_ultralight_read**, **mifare_ultralight_write**, — Mifare UltraLight Manipulation Functions

LIBRARY

Mifare card manipulation library (libfreefare, −lfreefare)

SYNOPSIS

```
#include <freefare.h>

int
mifare_ultralight_connect(MifareTag tag);

int
mifare_ultralight_disconnect(MifareTag tag);

int
mifare_ultralight_read(MifareTag tag,
    const MifareUltralightPageNumber page, MifareUltralightPage *data);

int
mifare_ultralight_write(MifareTag tag,
    const MifareUltralightPageNumber page,
    const MifareUltralightPage data);
```

DESCRIPTION

The **mifare_ultralight_***() functions allows management of Mifare UltraLight tags.

The **mifare_ultralight_connect**() function activates the specified *tag*.

A *page* of *data* can be read from a *tag* using **mifare_ultralight_read**(), and written using **mifare_ultralight_write**().

After usage, a *tag* is deactivated using **mifare_ultralight_disconnect**().

RETURN VALUES

Unless stated otherwise, all functions return a value greater than or equal to *0* on success or *-1* on failure.

SEE ALSO

freefare(3)

AUTHORS

Romain Tartiere ⟨romain AT blogreen DOT org⟩
Romuald Conty ⟨romuald AT libnfc DOT org⟩