

NAME

xo_create, **xo_create_to_file**, **xo_destroy** - create and destroy libxo output handles

LIBRARY

Text, XML, JSON, and HTML Output Emission Library (libxo, -lxo)

SYNOPSIS

```
#include <libxo/xo.h>
```

```
xo_handle_t *
```

```
xo_create(unsigned style, unsigned flags);
```

```
xo_handle_t *
```

```
xo_create_to_file(FILE *fp, unsigned style, unsigned flags);
```

```
void
```

```
xo_destroy(xo_handle_t *handle);
```

DESCRIPTION

A **libxo** handle can be allocated using the **xo_create**() function.

Example:

```
xo_handle_t *xop = xo_create(XO_STYLE_JSON, XOF_WARN);
```

```
...
```

```
xo_emit_h(xop, "testing\n");
```

By default, **libxo** writes output to standard output. A convenience function is provided for situations when output should be written to a different file.

Use the `XOF_CLOSE_FP` flag to trigger a call to `fclose(3)` for the `FILE` pointer when the handle is destroyed.

The **xo_destroy**() function releases a handle and any resources it is using. Calling **xo_destroy**() with a `NULL` handle will release any resources associated with the default handle.

SEE ALSO

`xo_emit(3)`, `xo_set_options(3)`, `libxo(3)`

HISTORY

The **libxo** library first appeared in FreeBSD 11.0.

AUTHORS

libxo was written by Phil Shafer <*phil@freebsd.org*>.