NAME

    xo_set_info - set the field information data for libxo

LIBRARY

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

SYNOPSIS

    #include <libxo/xo.h>

    void
    xo_set_info(*xo_handle_t *handle*, *xo_info_t *info*, *int count*);

DESCRIPTION

    HTML data can include additional information in attributes that begin with "data-". To enable this, three
    things must occur:

    First the application must build an array of xo_info_t structures, one per tag. The array must be sorted
    by name, since **libxo** uses a binary search to find the entry that matches names from format instructions.

    The xo_info_t structure is defined in *<libxo/xo.h>*:

```
typedef struct xo_info_s {
    const char *xi_name;   /* Name of the element */
    const char *xi_type;   /* Type of field */
    const char *xi_help;   /* Description of field */
} xo_info_t;
```

    Second, the application must inform **libxo** about this information using the **xo_set_info**() call. Like
    other **libxo** calls, passing NULL for the handle tells **libxo** to use the default handle.

    If the *count* is -1, **libxo** will count the elements of *info*, but there must be an empty element at the end.
    More typically, the number is known to the application:

```
xo_info_t info[] = {
    { "in-stock", "number", "Number of items in stock" },
    { "name", "string", "Name of the item" },
    { "on-order", "number", "Number of items on order" },
    { "sku", "string", "Stock Keeping Unit" },
    { "sold", "number", "Number of items sold" },
};
```

```
        int info_count = (sizeof(info) / sizeof(info[0]));
        ...
        xo_set_info(NULL, info, info_count);
```

Third, the emission of info must be triggered with the XOF_INFO flag using either the **xo_set_flags**()
function or the "--libxo=info" command line argument.

The type and help values, if present, are emitted as the "data-type" and "data-help" attributes:

```
    <div class="data" data-tag="sku" data-type="string"
        data-help="Stock Keeping Unit">GRO-000-533</div>
```

SEE ALSO
xo_emit(3), libxo(3)

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

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