

NAME

OF_finddevice - find node in device tree

SYNOPSIS

```
#include <dev/ofw/ofw_bus.h>
#include <dev/ofw/ofw_bus_subr.h>
```

phandle_t

```
OF_finddevice(const char *path);
```

DESCRIPTION

OF_finddevice() returns the phandle for the node specified by the *path*. Returns -1 if the path cannot be found in the tree.

EXAMPLES

```
phandle_t root, i2c;

root = OF_finddevice("/");
i2c = OF_finddevice("/soc/axi/i2c@a0e0000");
if (i2c != -1) {
    ...
}
```

SEE ALSO

OF_child(9), OF_parent(9), OF_peer(9)

AUTHORS

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CAVEATS

The return value should only be checked with equality operators (equal to, not equal to) and not relational comparison (less than, greater than). There is a discrepancy between IEEE 1275 standard and FreeBSD's internal representation of a phandle: IEEE 1275 requires the return value of this function to be -1 if the path is not found. But *phandle_t* is an unsigned type, so it cannot be relationally compared with -1 or 0, this comparison is always true or always false.