

**NAME**

INTRO – Introduction to the Shore Foundation Classes

**SYNOPSIS**

```
#include <w.h>
#include <w_statistics.h>
#include <w_rc.h>
#include <w_list.h>

class w_statistics_t;
class w_rc_t;
class w_error_t;
class w_list_t;
```

**DESCRIPTION**

This module contains the foundation classes, a set of reusable classes, many of which are templates. Only some of the more general classes are documented.

**ENVIRONMENT**

These classes are generic code, and are available for use in both clients and servers. They are independent of threads, consequently none of the data structures provided in the foundation classes is thread-safe.

**ERRORS**

The error codes returned by functions in this module are:

|                  |   |
|------------------|---|
| fcINTERNAL       | - Internal error                                  |
| fcOS             | - Operating system error                          |
| fcFULL           | - Container is full                               |
| fcEMPTY          | - Container is empty                              |
| fcOUTOFMEMORY    | - Malloc failed : out of memory                   |
| fcNOTFOUND       | - Item not found                                  |
| fcNOTIMPLEMENTED | - Feature is not implemented                      |
| fcREADONLY       | - Update operation on read-only object            |
| fcMIXED          | - Attempting to mix static and dynamic containers |
| fcFOUND          | - Item already found                              |
| fcNOSUCHERROR    | - unknown error code                              |

**VERSION**

This manual page applies to Version 2.0 of the Shore Storage Manager.

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**SEE ALSO**

**list(fc)**, **error(fc)**, **rc(fc)**, and **statistics(fc)**