NAME

umask – set registered object creation mode mask

SYNOPSIS

```
#include <ShoreApp.h>
shrc Shore::umask(mode_t newmask, mode_t *oldmask);
```

DESCRIPTION

If *oldmask* is non-zero, **umask** places the current value of the process' umask in *oldmask.* In either case, **umask** sets the process' umask to the value of *newmask.* The umask is used to determine the mode of a new registered object. Any bits set in the process' umask are cleared from the *mode* parameter of **mkdir(oc), create(cxxlb),** or **create_xref(cxxlb),** and the resulting value is used as the mode of the new registered object.

Shore applications have two umasks, the Unix mask and the Shore mask. When a connection with the Shore server is established (see **init(oc)**), the Shore mask is set to the current value of the Unix mask. Any subsequent changes to either mask are not reflected in the other. Furthermore, changes to the Shore mask in one process are not seen by subsequent processes. The Unix mask can be changed with **umask(2).**

VERSION

This manual page applies to Version 1.1 of the Shore software.

SPONSORSHIP

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SEE ALSO

create(cxxlb), create_xref(cxxlb), init(oc), mkdir(oc), umask(2).