

AppExceptions

CATEGORY OF

Application

DECLARED IN

AppExceptions.h

CLASS DESCRIPTION

AppExceptions provides for a clearing house of named NeXTSTEP exceptions. Simply link it into your app, and call it using **NXApp**.

AppExceptions is free. Use it and abuse it as you see fit.

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CATEGORY VARIABLES

Inherited from Application

id

NXApp;

Declared in AppExceptions

HashTable *
int

exceptionTable;
exceptionBase;

exceptionTable

Maps exception names to numbers.

exceptionBase

Next exception that **-exceptionFor:** will pass out.

METHOD TYPES

Mapping names to numbers - exceptionFor:

Raising exceptions - raiseException:

- raiseException:with:
- raiseException:with:with:

INSTANCE METHODS

exceptionFor:

-(int)**exceptionFor:**(const char *)*name*

Returns the mapping for *name*. If there is no current mapping for *name*, create such a mapping. The mappings are created from NX_APPBASE to NX_APPBASE+999.

raiseException:

- **raiseException:**(const char *)*name*

Calls **-raiseException:with:with:** with NULL for both data parameters.

raiseException:with:

- **raiseException:**(const char *)*name* **with:**(const void *)*data1*

Calls **-raiseException:with:with:** with NULL as the *data2* parameter.

raiseException:with:with:

- **raiseException:**(const char *)*name* **with:**(const void *)*data1* **with:**(const void *)*data2*

Calls on **-exceptionFor:** to get the exception number for *name* and raises the exception with *data1* as the first data parameter and *data2* as the second.

USAGE

```

NX_DURING
    /* Do some work, and end up in a situation which requires an exception. */
    [NXApp raiseException:"Cancel"];
    /* This is the stuff the exception will skip over. */
NX_HANDLER
    /* Perhaps do some recovery here, such as freeing memory or whatever. */
    if( NXLocalHandler.code==[NXApp exceptionFor:"Cancel"]) {
        /* Handle the exception. */
    } else {
        NX_RERAISE();
    }
NX_ENDHANDLER

```