The C++ Exception Class

This class is at the root of the derivation tree for Ice exceptions and encapsulates functionality that is common to all Ice and IceUtil exceptions:

The second constructor stores a file name and line number in the exception that are returned by the ice_file and ice_line member functions, respectively. This allows you to identify the source of an exception by passing the __FILE__ and __LINE__ preprocessor macros to the constructor.

The what member function is a synonym for ice_print. The default implementation of ice_print prints the file name, line number, and the name of the exception.

The remaining member functions are described in the C++ Mapping for Exceptions.

See Also

• C++ Mapping for Exceptions