

std::exception

```
classDiagram
    class std_exception["std::exception"]
    class original_error["original::error"]
    class original_null_pointer_error["original::nullPointerException"]
    std_exception <|-- original_error
    original_error <|-- original_null_pointer_error
    original_error + asserts()
    original_null_pointer_error + what()
```

The diagram illustrates a C++ class hierarchy. At the top is the `std::exception` class, represented by a white box with two empty compartments. Below it is the `original::error` class, also a white box with two compartments; the bottom compartment contains the method `+ asserts()`. At the bottom is the `original::nullPointerException` class, represented by a grey box with two compartments; the bottom compartment contains the method `+ what()`. Blue arrows with hollow triangular heads point from `original::error` to `std::exception` and from `original::nullPointerException` to `original::error`, indicating inheritance.

original::error

+ asserts()

original::nullPointerException

+ what()