

std::runtime\_error

```
classDiagram
    class std_runtime_error["std::runtime_error"]
    class FileOpenError
    FileOpenError --|> std_runtime_error
```

The diagram illustrates a class hierarchy. At the top is the base class `std::runtime_error`, represented by a white box with a thin black border. It has two empty rectangular compartments below its name. Below it is the derived class `FileOpenError`, represented by a gray box with a thick black border. It has three compartments: the top one contains the class name, the middle one is empty, and the bottom one contains the constructor `+ FileOpenError()`. A blue arrow with an open triangular head points from the top of the `FileOpenError` box to the bottom of the `std::runtime_error` box, indicating inheritance.

FileOpenError

+ FileOpenError()