
C++

异常

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```
exception.what();  
return  
const char * what() throw() [?];  
↑  
exception类  
错误处理  
catch() { }  
逻辑  
try { }  
↑
```

语法现象

字符串转数字:

```
int  atoi(const char *ptr);
```

```
int  myatoi(const char *ptr)
```

```
{
```

```
    if()//不是数字字母
```

```
        throw myexceprion ( "! 0-9" );
```

```
    .....
```

```
}
```

语法现象

调用:

```
try{  
    num = myatoi( "abcd" );  
}  
catch(myexception &e){  
    cout<<e.what();  
}
```

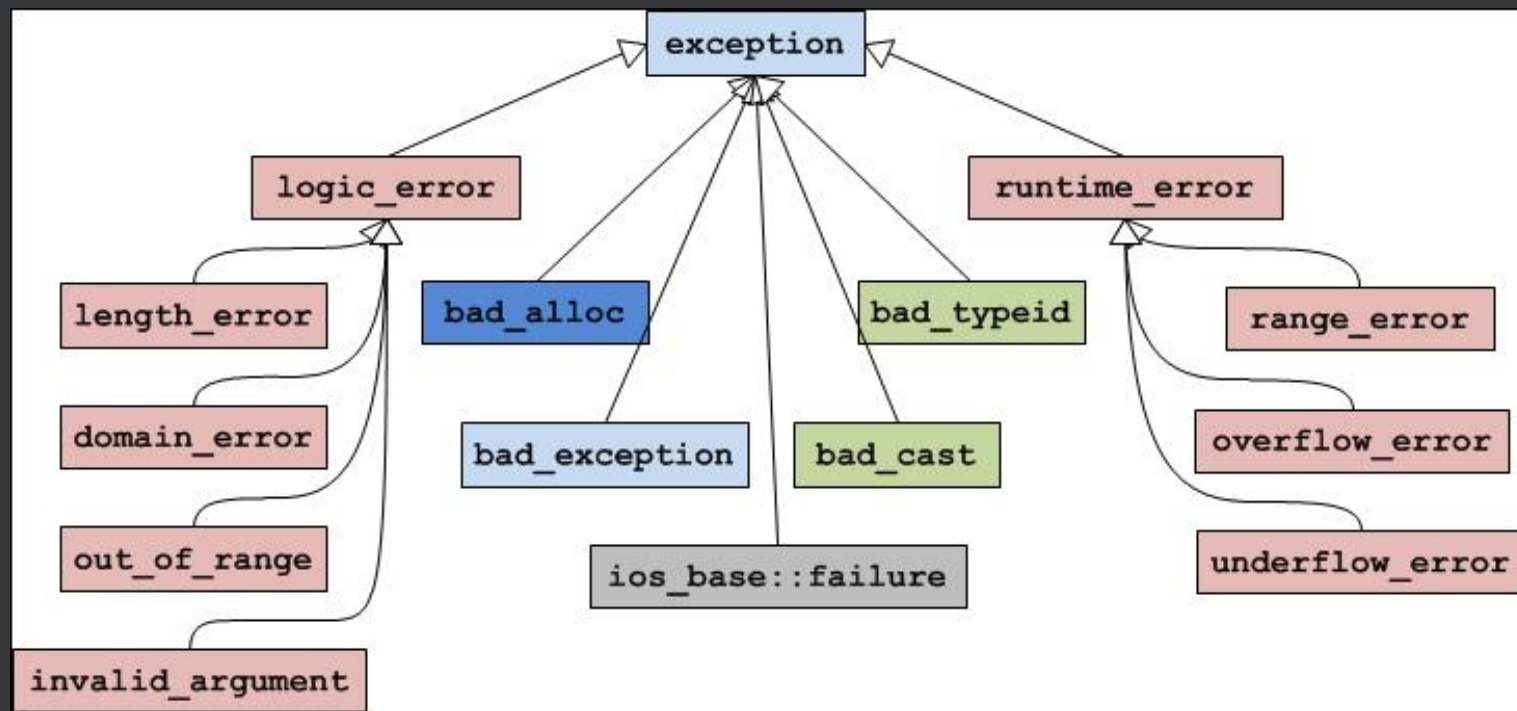
Exception类

```
class exception //namespace std
{
public:
    exception() throw() { }
    virtual ~exception() throw();//不抛异常函数
    /*Returns a C-style character string describing the
    general cause of the current error. */
    virtual const char* what() const throw();
};
```

自定义异常类

```
class myexception : public exception
{
public:
    const char* what() const throw()
    {
        return "xxxxxxxxxx" ;
    }
};
```

预定义异常类



C++ 标准库异常 继承层次图

`<exception>`

`<stdexcept>`

`<typeinfo>`

`<new>`

`<ios>`

扫一扫，获取更多信息



THANK YOU