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Subject: how to input an int into std::string? and an exception question

Posted by [bonami](#) on Thu, 03 Jan 2008 03:10:20 GMT

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iota is good, but that is for char \*.

i used std::stringstream, which accepts int well, but when i converted it into std::string and threw it, my program crashed.

```
std::stringstream msg;
```

```
msg << "failed to bind to " << localSocket->ip() << ":" << localSocket->port()/* this is an int */;
```

```
throw std::string(msg.str()); //or simply throw msg.str();
```

```
...
```

```
catch (std::string err) ...
```

& i want standard C++ method, not String or alike.

another question is why my functions cannot throw an exception by default

```
child() {... throw std::string("error"); }
```

```
dad() {... child(); ...}/*crashes*/
```

```
mum() {... try { child(); }/*this works*/
```

```
catch (std::string err) { throw err; }}
```

```
grand() {... try { dad()/* or mum() */; }
```

```
catch (std::string err) {...}}
```

today i just ran mum() again, and it crashed, too... (since i had been Debuggin, i could locate the last sentence is throw)

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