
Subject: moveable with assert question

Posted by [mtdew3q](#) on Sun, 15 Sep 2019 15:30:18 GMT

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Hi all-

I thought this code below would kick out an error when compiled that it is a moveable violation.

Can you please give me a tip on how to check for moveable with the code below?

thnx. roboloki

```
#include <Core/Core.h>
```

```
using namespace Upp;
```

```
class Foo: Moveable<Foo> {
```

```
    int a;
```

```
    Foo *foo;
```

```
    int *ptr;
```

```
public:
```

```
    void Set(Foo * f) {
```

```
        foo = f;
```

```
    }
```

```
void Bad1() {
```

```
    foo = this;
```

```
    // member variable foo exists outside method
```

```
    // -> makes Foo non-moveable
```

```
}
```

```
~Foo() {
```

```
}
```

```
};
```

```
template <typename T> class Metallica
```

```
{
```

```
    T * t;
```

```
public:
```

```
    Metallica (){};
```

```
    void Set(T * t1) {
```

```
        t = t1;
```

```
}
```

```
    ~Metallica() {  
        AssertMoveable<T>();  
    }  
};
```

```
CONSOLE_APP_MAIN  
{  
  
    Metallica<Foo> lu;  
  
}
```
