Subject: "Function" question
Posted by koldo on Thu, 09 Mar 2017 13:19:06 GMT
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Hello all

I wanted to assign a Function from a subclass but compiler complains with error:

'&': illegal operation on bound member function expression

What have I to do?

```
class FuncSource {
protected:
 Function <double(double)> function;

public:
 FuncSource(Function <double(double)> function) : function(function) {}
 double f(double x) {return function(x);}
};

class MySource : public FuncSource {
public:
 MySource(double data) : FuncSource(&Calc), data(data) {}  // COMPILER ERROR

 double Calc(double x) {return x + data/10;}

private:
 double data;
};
```

Subject: Re: "Function" question
Posted by koldo on Thu, 09 Mar 2017 16:52:08 GMT
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Replacing

MySource(double data) : FuncSource(&Calc), data(data) {} // COMPILER ERROR
with
MySource(double data) : FuncSource([=](double x) {return Calc(x);}), data(data) {}it compiles, but at run time when Calc() have to be used, it has been destroyed.

Subject: Re: "Function" question
Posted by koldo on Thu, 09 Mar 2017 17:33:40 GMT
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Well, it is solved
```
void Init(double data) {
 this->data = data;
 function = [=](double x) {return Calc(x);};
}
```
Now MySource is inside main model, so it does not get destroyed after initialization :roll:.
