Subject: Callback and Thisback Function call parameters
Posted by NilaT on Tue, 29 Jul 2014 09:50:08 GMT

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Hi everybody, I've got a new question for you, which is driving me nuts.
Callbacks and Thisbacks are quite difficult for beginners, but I think I got them... almost ;)

One thing is still unclear to me.
How can I add Parameters to a Function which is called, when a callback occurs?

For example:
Somewhere I got this:
Callback2<Point, Point> WhenProductChanging;

and then I got this, somewhere
...
WhenProductChanging(p1, p2);
...

And somewhere else I got this:
xxx.WhenProductChanging = THISBACK(OnProductChanging);

And finally, I got the function itself:
void yyy::OnProductChanging(Point firstP, Point secondP)
{ /* do something */
}

Now, what I want is to add another parameter to my "OnProductChanging" Method, like for example:
void yyy::OnProductChanging(Point firstP, Point secondP, int newParameter)
{ /* do something */
}

So I thought I have to change the THISBACK to THISBACK1 and pass the parameter after the Methodname, like this:
xxx.WhenProductChanging = THISBACK1(OnProductChanging, 1);

But this doesn't work, because it seems that all necessary parameters come from the callback.
How can I pass another parameter, which is defined somewhere else and not known in the "callback-calling" function?

Thanks in advance!