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Subject: Re: Callback (THISBACK) Improve  
Posted by [kohait00](#) on Mon, 20 Dec 2010 09:59:59 GMT  
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noticed that some reducing argument templates were still missing.  
here comes the additional in Callback1.h, simply replace file..

this makes things like this possible

```
Callback cb0;
Callback1<double> cb1;
Callback2<double, double> cb2;
Callback3<double, double, double> cb3;
Callback4<double, double, double, double> cb4;
```

```
Gate gt0;
Gate1<double> gt1;
Gate2<double, double> gt2;
Gate3<double, double, double> gt3;
Gate4<double, double, double, double> gt4;
```

//args reduction

```
//1 arg to 0 args
cb0 = callback1(cb1, 1);
```

```
//2 args to 1 arg
cb1 = callback1(cb2, 2);
cb0 = callback2(cb2, 1, 2);
```

```
//3 args to 2 args
cb2 = callback1(cb3, 3); //new
cb0 = callback3(cb3, 1, 2, 3); //new
```

```
//4 args to 3 args
cb3 = callback1(cb4, 4); //new
cb0 = callback4(cb4, 1, 2, 3, 4); //new
```

```
//1 arg to 0 args
gt0 = callback1(gt1, 1); //new
```

```
//2 args to 1 arg
gt1 = callback1(gt2, 2); //new
gt0 = callback2(gt2, 1, 2); //new
```

```
//3 args to 2 args  
gt2 = callback1(gt3, 3); //new  
gt0 = callback3(gt3, 1, 2, 3); //new
```

```
//4 args to 3 args  
gt3 = callback1(gt4, 4); //new  
gt0 = callback4(gt4, 1, 2, 3, 4); //new
```

## File Attachments

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- 1) [Callback1.h](#), downloaded 380 times
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