Subject: [REQUEST]: Allow callback() template to work also with non-void and non-bool return types.
Posted by Oblivion on Mon, 11 Sep 2017 22:49:43 GMT
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Hello,

It seems that callback() template function isn't working with return types other than bool or void. Is this intentional? Or is it possible to replace it with a more flexible one?

If so, maybe the below template function can do the job (IF I am not missing something here).

```
template<typename Res, typename... ArgTypes>
Function<Res(ArgTypes...)> callback(Res (*fn)(ArgTypes...))
{
 return [=](ArgTypes... args) { return (*fn)(args...); };
}
```

Best regards,
Oblivion

Subject: Re: [REQUEST]: Allow callback() template to work also with non-void and non-bool return types.
Posted by mirek on Wed, 13 Sep 2017 17:15:30 GMT
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Oblivion wrote on Tue, 12 September 2017 00:49Hello,

It seems that callback() template function isn't working with return types other than bool or void. Is this intentional? Or is it possible to replace it with a more flexible one?

If so, maybe the below template function can do the job (IF I am not missing something here).

```
template<typename Res, typename... ArgTypes>
Function<Res(ArgTypes...)> callback(Res (*fn)(ArgTypes...))
{
 return [=](ArgTypes... args) { return (*fn)(args...); };
}
```

Best regards,
Oblivion

Callback is deprecated. Use Function.