Pointer to a generic type parameter

Source:
http://www.tech−archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vc/2007−01/msg00361.html

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Hi

I'm new in VC++ and have a question to generics. I have a generic class, which contains an array of the generic type. This array I can pin and then I would like to get an unmanaged pointer to it. Therefore I wanted to creat a class member which represents the pointer to the array. Unfortunately I get the folowring compile error for the code beneath:

error C3229: 'DataType *' : indirections on a generic type parameter are not allowed

Is there a posible way to get a this unmanaged pointer? My problem is that it isn't allowed to creat a pin_ptr<DataType> as a class member and it takes quite a while to do it every function call. Or, do I I realy have to do a hack and creat a void* from the array by using GCHandle::Alloc(...).AddrOfPinnedObject().ToPointer() and then cast it to a byte* and shift it each time by sizeof(DataType)?

By the way, my generic typs are never reference objects, only value structs and data types like int, byte, ...

Thanks for any help!

Thorsten

```
generic<typename DataType> public ref class RingBuffer
{
array<DataType> ^m_Buffer;
DataType *m_Buffer_Ptr; // Error
}
```

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