Subject: Re: FairWriteoutBuffer::FillNewData and object ownership (memory leak)
Posted by Oliver Merle on Sat, 26 Jan 2013 21:00:06 GMT
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Ok, let's see if I understand you correctly:

The policy is:
The class which derives from FairWriteoutBuffer has to do the housekeeping and is responsible for deleting the digits which are used by the underlying FairWriteoutBuffer implementation. It is guaranteed that a digit can be safely deallocated after it was written to the TClonesArray by AddNewDataToTClonesArray.

I guess this is correct? It would also make sense to me that the base class FairWriteoutBuffer itself deletes the digits - this caused my initial confusion. But your answer implies that the memleak is not considered to be a bug in FairWriteoutBuffer but in the derived class.

I'm happy either way - and because these things are not obvious it would be nice if someone adds a comment about this in FairWriteoutBuffer.h some day

Thanks,
Oliver