

Re: ghosted and forwarded records ?

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From: Hassan (*fatima_ja_at_hotmail.com*)

Date: 07/23/04

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Does this cause some kind of logical fragmentation then ?

"Greg Linwood" <g_linwoodQhotmail.com> wrote in message
news:%23t8bwY8bEHA.2476@TK2MSFTNGP09.phx.gbl...

> *Hi Hassan*

>

> *Ghosted records are records marked for lazy deletion by a system process.*

>

> *Forwarded records only occur on tables without clustered indexes – "Heaps".*

> *In the case where a row is updated so that it is wider & no longer fits on a*

> *page, it is "forwarded" to another page & a forwarding marker left in its*

> *original place. This helps avoid updating Non-Clustered Indexes (NCI) which*

> *might be on the heap because NCIs on Heaps use File Page Row (FPR) pointers*

> *on the leaf nodes. If forwarding records weren't used, index FPRs would*

> *also need to be updated immediately upon such row updates when the row no*

> *longer fits on the page it was on.*

>

> *So, forwarding rows avoid needing to update FPRs on NCI leaf nodes when rows*

> *are updated so they no longer fit on a page.*

>

> *HTH*

>

> *Regards,*

> *Greg Linwood*

> *SQL Server MVP*

>

> *"Hassan" <fatima_ja@hotmail.com> wrote in message*

> *news:%23SeSGI7bEHA.3580@TK2MSFTNGP11.phx.gbl...*

>> *What are ghosted and forwarded records ?*

>>

>>

>

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