

## Re: Spread table.

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clients/2005-04/msg00001.html>

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- *From:* Rogers <[Rogers@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Rogers@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 31 Mar 2005 08:05:02 -0800
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Thanks for your reply but the question is how can I set one table into separate file and I will divide that files into three different physical drive but I wanna know how can I split one table into three different files.

Thanks

"Andrew J. Kelly" wrote:

- > This is not true for SQL 2000 and above. It used to be in 7.0 that a single
- > thread was used per file. In 2000 it can use multiple threads on a single
- > file. 10 million rows is not a lot and you don't gain much by creating
- > multiple files unless each file is on a separate drive array. Not a
- > separate Logical drive but a physical drive. But on a fast array such as a
- > Raid 10 and with multiple processors Sql Server can use multiple threads to
- > read a single file in parallel.
- >
- > --
- > Andrew J. Kelly SQL MVP
- >
- >
- > "Rogers" <[Rogers@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Rogers@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message
- > [news:98DB88E9-DEFB-49AB-8DED-ED11C6F9A6B9@xxxxxxxxxxxxxxxxxxxx](mailto:news:98DB88E9-DEFB-49AB-8DED-ED11C6F9A6B9@xxxxxxxxxxxxxxxxxxxx)
- >> If your database is very large and very busy, multiple files can be used
- >> to
- >> increase performance. Here is one example of how you might use multiple
- >> files. Let's say you have a single table with 10 million rows that is
- >> heavily
- >> queried. If the table is in a single file, such as a single database file,
- >> then SQL Server would only use one thread to perform a sequential read of
- >> the
- >> rows in the table. But if the table were divided into three physical files
- >> (all part of the same filegroup), then SQL Server would use three threads
- >> (one per physical file) to sequentially read the table, which potentially
- >> could be much faster. In addition, if each file were on its own separate
- >> disk
- >> or disk array, the performance would even be greater.
- >>
- >> Can any one let me know how can I spread one large table into three

> > different files.

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- *Follow-Ups:*

- ◆ *Re: Spread table.*

- ◇ *From:* Andrew J. Kelly

- *References:*

- ◆ *Spread table.*

- ◇ *From:* Rogers

- ◆ *Re: Spread table.*

- ◇ *From:* Andrew J. Kelly

- Prev by Date: *Re: Spread table.*

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