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# What does ON [PRIMARY] mean?

asked 5 years ago viewed 41202 times active 3 months ago

I'm creating an SQL setup script and I'm using someone else's script as an example. Here's an example of the script:

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SET ANSI\_NULLS ON SET QUOTED\_IDENTIFIER ON G0 CREATE TABLE [dbo].[be\_Categories](

[CategoryID] [uniqueidentifier] ROWGUIDCOL NOT NULL CONSTRAINT [DF\_be\_Categorie [CategoryName] [nvarchar](50) NULL, [Description] [nvarchar](200) NULL, [ParentID] [uniqueidentifier] NULL, CONSTRAINT [PK\_be\_Categories] PRIMARY KEY CLUSTERED [CategoryID] ASC )WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ ) ON [PRIMARY] 4

Does anyone know what the ON [PRIMARY] command does?

sql sql-server database database-design share improve this question



edited Dec 4 '15 at 22:48



asked May 9 '10 at 15:55 Icono123

**1,146** • 3

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## 3 Answers



When you create a database in Microsoft SQL Server you can have multiple file groups, where storage is created in multiple places, directories or disks. Each file group can be named. The PRIMARY file group is the default one, which is always created, and so the SQL you've given creates your table ON the PRIMARY file group.



See MSDN for the full syntax.

share improve this answer

answered May 9 '10 at 16:00



**34.2k ●**5 **●**61 **●**118

71 This also means it's usually useless and can be safely removed from the script. - MGOwen Mar 3 '11 at

Yes, in the same way you can just omit variable initializations to 0 and false, because it's just the default,

@MarkSowul Unless you have a good reason to use this to optimize performance, yes, it's fine to omit it and let the default happen. (Hence the "usually" MGOwen included.) Initializing variables to  $\,0\,$  or  $\,$  false  $\,$  is about ensuring that your code is operating in a known state, which is a logical and correctness concern and not an optimization concern. – jpmc26 Feb 25 '15 at 0:08 &

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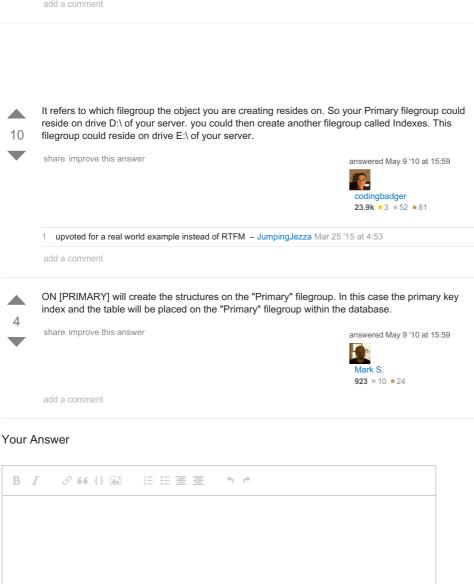


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