

```

set nocount on
go
use master
go

drop database partial1
go

create database partial1
go

use partial1
go

alter database partial1 add filegroup fgOne
alter database partial1 add filegroup fgOneIdx
alter database partial1 add filegroup fgTwo
alter database partial1 add filegroup fgTwoIdx
alter database partial1 add filegroup fgThree
alter database partial1 add filegroup fgThreeIdx

alter database partial1 add file (name = 'fOne1', filename =
'c:\parttest\fOne1.ndf', size=10mb) to filegroup fgOne
alter database partial1 add file (name = 'fOne1Idx', filename =
'c:\parttest\fOne1Idx.ndf', size=10mb) to filegroup fgOneIdx
alter database partial1 add file (name = 'fOne2', filename =
'c:\parttest\fOne2.ndf', size=10mb) to filegroup fgTwo
alter database partial1 add file (name = 'fOne2Idx', filename =
'c:\parttest\fOne2Idx.ndf', size=10mb) to filegroup fgTwoIdx
alter database partial1 add file (name = 'fOne3', filename =
'c:\parttest\fOne3.ndf', size=10mb) to filegroup fgThree
alter database partial1 add file (name = 'fOne3Idx', filename =
'c:\parttest\fOne3Idx.ndf', size=10mb) to filegroup fgThreeIdx

create table tblA (rowID int identity(1,1), rowDate datetime) on fgOne
create table tblB (rowID int identity(1,1), rowDate datetime) on fgOne
create table tblC (rowID int identity(1,1), rowDate datetime) on fgOne
create table tblD (rowID int identity(1,1), rowDate datetime) on fgTwo
create table tblE (rowID int identity(1,1), rowDate datetime) on fgTwo
create table tblF (rowID int identity(1,1), rowDate datetime) on fgThree
go

create index idx_tblA on tblA (rowDate) on fgOneIdx
create index idx_tblB on tblB (rowDate) on fgOneIdx
create index idx_tblC on tblC (rowDate) on fgOneIdx
create index idx_tblD on tblD (rowDate) on fgTwoIdx
create index idx_tblE on tblE (rowDate) on fgTwoIdx
create index idx_tblF on tblF (rowDate) on fgThreeIdx
go

backup database partial1 to disk = 'c:\parttest\partial1_FULL_A.bak' with init
go

insert into tblA (rowDate) (select GETDATE())
insert into tblB (rowDate) (select GETDATE())
insert into tblC (rowDate) (select GETDATE())
insert into tblD (rowDate) (select GETDATE())
insert into tblE (rowDate) (select GETDATE())
insert into tblF (rowDate) (select GETDATE())
go 100

backup log partial1 to disk = 'c:\parttest\partial1_Log_A1.trn' with init

```

```
insert into tblA (rowDate) (select GETDATE())
insert into tblB (rowDate) (select GETDATE())
insert into tblC (rowDate) (select GETDATE())
insert into tblD (rowDate) (select GETDATE())
insert into tblE (rowDate) (select GETDATE())
insert into tblF (rowDate) (select GETDATE())
go 100
```

```
backup log partial1 to disk = 'c:\partttest\partial1_Log_A2.trn' with init
```

```
insert into tblA (rowDate) (select GETDATE())
insert into tblB (rowDate) (select GETDATE())
insert into tblC (rowDate) (select GETDATE())
insert into tblD (rowDate) (select GETDATE())
insert into tblE (rowDate) (select GETDATE())
insert into tblF (rowDate) (select GETDATE())
go 100
```

```
backup database partial1 to disk = 'c:\partttest\partial1_DIFF_B.bak' with init,
differential
go
```

```
insert into tblA (rowDate) (select GETDATE())
insert into tblB (rowDate) (select GETDATE())
insert into tblC (rowDate) (select GETDATE())
insert into tblD (rowDate) (select GETDATE())
insert into tblE (rowDate) (select GETDATE())
insert into tblF (rowDate) (select GETDATE())
go 100
```

```
backup log partial1 to disk = 'c:\partttest\partial1_Log_B1.trn' with init
go
```

```
insert into tblA (rowDate) (select GETDATE())
insert into tblB (rowDate) (select GETDATE())
insert into tblC (rowDate) (select GETDATE())
insert into tblD (rowDate) (select GETDATE())
insert into tblE (rowDate) (select GETDATE())
insert into tblF (rowDate) (select GETDATE())
go 100
```

```
backup log partial1 to disk = 'c:\partttest\partial1_Log_B2.trn' with init
go
```

```
checkpoint
select count(*) from tblA -- 500 rows
select max(rowDate) from tblA -- 2012-05-29 15:12:51.947
select getdate() -- 2012-05-29 15:13:12.750
drop table tblA
checkpoint
```

```
backup log partial1 to disk = 'c:\partttest\partial1_Log_B3.trn' with init
go
```

```
use master
go
```

```
-- next line may error
drop database partial2
go
```

```
-- Restore just Primary, fgOne, fgOneIdx from the Full
restore database partial2 filegroup='primary', filegroup='fgOne',
filegroup='fgOneIdx'
from disk = 'c:\parttest\partial1_FULL_A.bak'
with norecovery, partial, replace,
move 'partial1' to 'c:\parttest2\partial2.mdf',
move 'partial1_log' to 'c:\parttest2\partial2_log.ldf',
move 'fOne1' to 'c:\parttest2\fOne1_2.ndf',
move 'fOne1Idx' to 'c:\parttest2\fOne1Idx_2.ndf'
```

```
restore database partial2
from disk = 'c:\parttest\partial1_DIFF_B.bak'
with norecovery,
move 'partial1' to 'c:\parttest2\partial2.mdf',
move 'partial1_log' to 'c:\parttest2\partial2_log.ldf',
move 'fOne1' to 'c:\parttest2\fOne1_2.ndf',
move 'fOne1Idx' to 'c:\parttest2\fOne1Idx_2.ndf'
```

```
restore log partial2 from disk = 'c:\parttest\partial1_Log_B1.trn' with
norecovery, stopat='2012-05-29 15:13:12.750'
restore log partial2 from disk = 'c:\parttest\partial1_Log_B2.trn' with
norecovery, stopat='2012-05-29 15:13:12.750'
restore log partial2 from disk = 'c:\parttest\partial1_Log_B3.trn' with
norecovery, stopat='2012-05-29 15:13:12.750'
restore database partial2 with recovery
```

```
select COUNT(*) from partial2.dbo.tblA
select max(rowDate) from partial2.dbo.tblA
```

```
select max(rowDate) from partial2.dbo.tblF
```

```
use partial2
go
```

```
select name, state_desc from sys.database_files
```