

Powiększenie baz danych na plikach

Wykonujemy zalogowani do iSQL

Najpierw sprawdzamy konkretną wielkość plików (tak zwane device w sybase)

```
sp_helpdevice  
go
```

device_name	physical_name	status	cntrltype	vdevno	vpn_low	vpn_high	description
dataMegaz_monitoring1	/opt/sybase/Megaz_monitoring/dataMegaz_monitoring1.dat	2	0	14	0	1572863	file system device, special, dsync off, directio on, physical disk, 3072.00 MB, Free: 0.00 MB
dataMegaz_test_1	/opt/sybase/Megaz_test/dataMegaz_test_1.dat	2	0	5	0	170801151	file system device, special, dsync off, directio on, physical disk, 333596.00 MB, Free: 0.00 MB
dataMegaz_test2_1	/opt/sybase/Megaz_test2/dataMegaz_test2_1.dat	2	0	7	0	170803199	file system device, special, dsync off, directio on, physical disk, 333600.00 MB, Free: 0.00 MB
dataMegaz1	/opt/sybase/Megaz/data1/dataMegaz1.dat	2	0	9	0	44136447	file system device, special, dsync off, directio on, physical disk, 86204.00 MB, Free: 2600.00 MB
dataMegaz2	/opt/sybase/Megaz/data2/dataMegaz2.dat	2	0	10	0	44136447	file system device, special, dsync off, directio on, physical disk, 86204.00 MB, Free: 2600.00 MB
dataMegaz3	/opt/sybase/Megaz/data3/dataMegaz3.dat	2	0	11	0	44136447	file system device, special, dsync off, directio on, physical disk, 86204.00 MB, Free: 2600.00 MB
dataMegaz4	/opt/sybase/Megaz/data4/dataMegaz4.dat	2	0	12	0	44136447	file system device, special, dsync off, directio on, physical disk, 86204.00 MB, Free: 2600.00 MB
dbccdb_dat	/opt/sybase/dbccdb/dbccdb_dat.dat	2	0	16	0	5242879	file system device, special, dsync off, directio on, physical disk, 10240.00 MB, Free: 0.00 MB
dbccdb_log	/opt/sybase/dbccdb/dbccdb_log.dat	2	0	17	0	1023	file system device, special, dsync off, directio on, physical disk, 2.00 MB, Free: 0.00 MB
logMegaz	/opt/sybase/Megaz/log/logMegaz.dat	2	0	13	0	5242879	file system device, special, dsync off, directio on, physical disk, 10240.00 MB, Free: 0.00 MB
logMegaz_monitoring_1	/opt/sybase/Megaz_monitoring/logMegaz_monitoring_1.dat	2	0	15	0	102399	file system device, special, dsync off, directio on, physical disk, 200.00 MB, Free: 0.00 MB
logMegaz_test_1	/opt/sybase/Megaz_test/logMegaz1.dat	2	0	6	0	5242879	file system device, special, dsync off, directio on, physical disk, 10240.00 MB, Free: 0.00 MB
logMegaz_test2_1	/opt/sybase/Megaz_test2/logMegaz2.dat	2	0	8	0	5242879	file system device, special, dsync off, directio on, physical disk, 10240.00 MB, Free: 0.00 MB
master	/opt/sybase/data/master.dat	3	0	0	0	66559	file system device, special, dsync on, directio off, default disk, physical disk, 130.00 MB, Free: 42.00 MB
sybmgmtdev	/opt/sybase/data/sybmgtdev.dat	2	0	4	0	39911	file system device, special, dsync off, directio on, physical disk, 76.00 MB, Free: 0.00 MB
sysprocsdev	/opt/sybase/data/sysprocs.dat	2	0	1	0	100351	file system device, special, dsync off, directio on, physical disk, 196.00 MB, Free: 0.00 MB
systemdbdev	/opt/sybase/data/sysysdb.dat	2	0	2	0	6143	file system device, special, dsync off, directio on, physical disk, 12.00 MB, Free: 0.00 MB
tapedump1	/dev/nst0	16	2	0	0	20000	unknown device type, disk, dump device
tapedump2	/dev/nst1	16	3	0	0	20000	unknown device type, tape, 625 MB, dump device

Sprawdzamu ostatnie powiększenia oraz rozłożenie bazy po plikach:

```
sp_helpdb [NazwaBazy]  
go
```

```

dataMegaz2      3000.0 MB data only Dec  8 2021  2:54PM          0
dataMegaz3      3000.0 MB data only Dec  8 2021  2:54PM      981248
dataMegaz4      3000.0 MB data only Dec  8 2021  2:54PM      981248
dataMegaz1       500.0 MB data only Dec 28 2021  3:28PM      510000
dataMegaz2       500.0 MB data only Dec 28 2021  3:28PM      510000
dataMegaz3       500.0 MB data only Dec 28 2021  3:28PM      510000
dataMegaz4       500.0 MB data only Dec 28 2021  3:28PM      510000
dataMegaz_test2_1  500.0 MB data only Dec 28 2021  3:42PM      510000
dataMegaz1      2000.0 MB data only May  2 2022  7:22PM     2040000
dataMegaz2      2000.0 MB data only May  2 2022  7:25PM     2040000
dataMegaz3      2000.0 MB data only May  2 2022  7:25PM     2040000
dataMegaz4      2000.0 MB data only May  2 2022  7:26PM     2040000
dataMegaz1      1000.0 MB data only Oct 24 2022  4:19PM     1020000
dataMegaz2      1000.0 MB data only Oct 24 2022  4:19PM     1020000
dataMegaz3      1000.0 MB data only Oct 24 2022  4:19PM     1020000
dataMegaz4      1000.0 MB data only Oct 24 2022  4:19PM     1020000

```

Wykonujemy rozszerzenie miejsca w bazie poprzez:

Uwaga, rozszerzamy o ile ma być więcej

```

use master
go
alter database NazwaBazy on NazwaDevice1='5000M'
alter database NazwaBazy on NazwaDevice2='5000M'
alter database NazwaBazy on NazwaDevice3='5000M'
alter database NazwaBazy on NazwaDevice4='5000M'
go

```

Przykładowy, poprawny wynik:

```
7> go
Extending database by 204800 pages (1600.0 megabytes) on disk dataMegaz1
Processed 80 allocation unit(s) out of 800 units (allocation page 44200192). 10% completed.
Processed 160 allocation unit(s) out of 800 units (allocation page 44220672). 20% completed.
Processed 240 allocation unit(s) out of 800 units (allocation page 44241152). 30% completed.
Processed 320 allocation unit(s) out of 800 units (allocation page 44261632). 40% completed.
Processed 400 allocation unit(s) out of 800 units (allocation page 44282112). 50% completed.
Processed 480 allocation unit(s) out of 800 units (allocation page 44302592). 60% completed.
Processed 560 allocation unit(s) out of 800 units (allocation page 44323072). 70% completed.
Processed 640 allocation unit(s) out of 800 units (allocation page 44343552). 80% completed.
Processed 720 allocation unit(s) out of 800 units (allocation page 44364032). 90% completed.
Processed 800 allocation unit(s) out of 800 units (allocation page 44384512). 100% completed.
Extending database by 204800 pages (1600.0 megabytes) on disk dataMegaz2
Processed 80 allocation unit(s) out of 800 units (allocation page 44404992). 10% completed.
Processed 160 allocation unit(s) out of 800 units (allocation page 44425472). 20% completed.
Processed 240 allocation unit(s) out of 800 units (allocation page 44445952). 30% completed.
Processed 320 allocation unit(s) out of 800 units (allocation page 44466432). 40% completed.
Processed 400 allocation unit(s) out of 800 units (allocation page 44486912). 50% completed.
Processed 480 allocation unit(s) out of 800 units (allocation page 44507392). 60% completed.
Processed 560 allocation unit(s) out of 800 units (allocation page 44527872). 70% completed.
Processed 640 allocation unit(s) out of 800 units (allocation page 44548352). 80% completed.
Processed 720 allocation unit(s) out of 800 units (allocation page 44568832). 90% completed.
Processed 800 allocation unit(s) out of 800 units (allocation page 44589312). 100% completed.
Extending database by 204800 pages (1600.0 megabytes) on disk dataMegaz3
Processed 80 allocation unit(s) out of 800 units (allocation page 44609792). 10% completed.
Processed 160 allocation unit(s) out of 800 units (allocation page 44630272). 20% completed.
Processed 240 allocation unit(s) out of 800 units (allocation page 44650752). 30% completed.
Processed 320 allocation unit(s) out of 800 units (allocation page 44671232). 40% completed.
Processed 400 allocation unit(s) out of 800 units (allocation page 44691712). 50% completed.
Processed 480 allocation unit(s) out of 800 units (allocation page 44712192). 60% completed.
Processed 560 allocation unit(s) out of 800 units (allocation page 44732672). 70% completed.
Processed 640 allocation unit(s) out of 800 units (allocation page 44753152). 80% completed.
Processed 720 allocation unit(s) out of 800 units (allocation page 44773632). 90% completed.
Processed 800 allocation unit(s) out of 800 units (allocation page 44794112). 100% completed.
Extending database by 204800 pages (1600.0 megabytes) on disk dataMegaz4
Processed 80 allocation unit(s) out of 800 units (allocation page 44814592). 10% completed.
Processed 160 allocation unit(s) out of 800 units (allocation page 44835072). 20% completed.
Processed 240 allocation unit(s) out of 800 units (allocation page 44855552). 30% completed.
Processed 320 allocation unit(s) out of 800 units (allocation page 44876032). 40% completed.
Processed 400 allocation unit(s) out of 800 units (allocation page 44896512). 50% completed.
Processed 480 allocation unit(s) out of 800 units (allocation page 44916992). 60% completed.
Processed 560 allocation unit(s) out of 800 units (allocation page 44937472). 70% completed.
Processed 640 allocation unit(s) out of 800 units (allocation page 44957952). 80% completed.
```

Revision #2

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