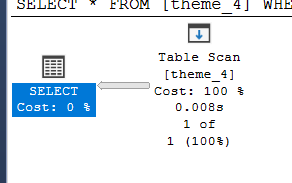
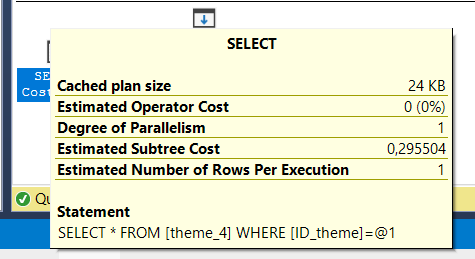
1. **Кластерный индекс**

Создаем копию таблицы theme и заполняем ее 100 000 строками

select \*from theme\_4

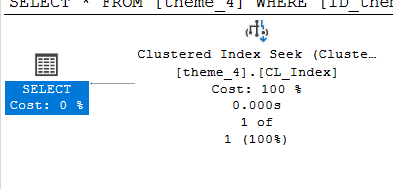
where ID\_theme = 1000

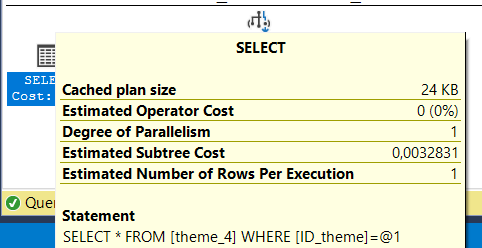




CREATE CLUSTERED INDEX CL\_Index

ON theme\_4(ID\_theme);





1. **Некластерный индекс (Составной индекс)**

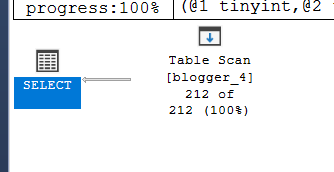
Создадим копию таблицы блогеры и заполним 100000 строк.

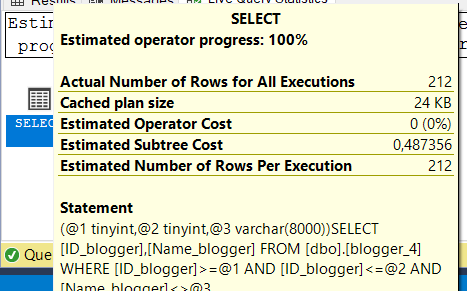
SELECT [ID\_blogger], [Name\_blogger]

FROM [dbo].[blogger\_4]

WHERE [ID\_blogger] BETWEEN 1 AND 212

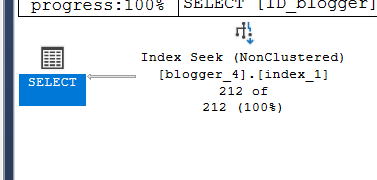
AND [Name\_blogger] != 'а';

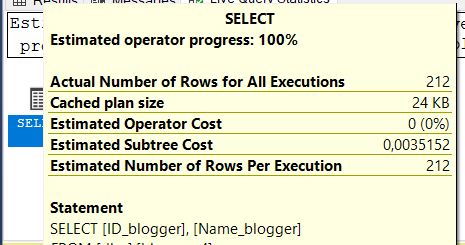




CREATE INDEX index\_1

on [dbo].[blogger\_4]([ID\_blogger], [Name\_blogger]);



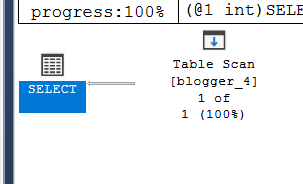


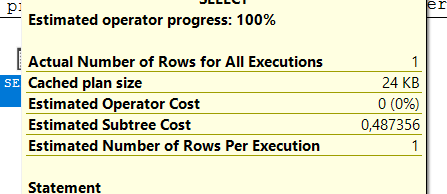
1. **Некластерный индекс (Покрывающий)**

SELECT [Name\_blogger], [date\_of\_birth], [registration\_date], [language\_blogger]

FROM [dbo].[blogger\_4]

WHERE [ID\_blogger] = 92000;

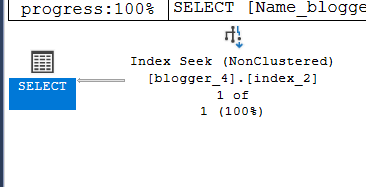


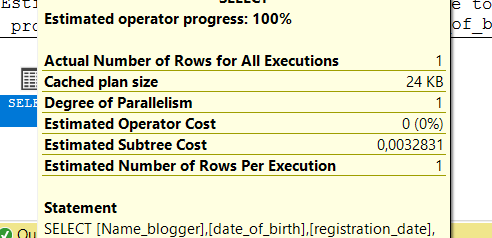


CREATE INDEX index\_2

ON [dbo].[blogger\_4]([ID\_blogger])

INCLUDE ([Name\_blogger], [date\_of\_birth], [registration\_date], [language\_blogger])



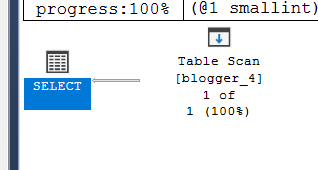


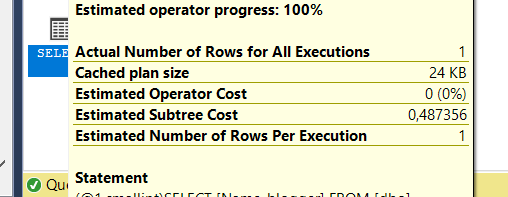
1. **Некластерный индекс (Уникальный)**

SELECT [Name\_blogger]

FROM [dbo].[blogger\_4]

WHERE [ID\_blogger] = 2000;

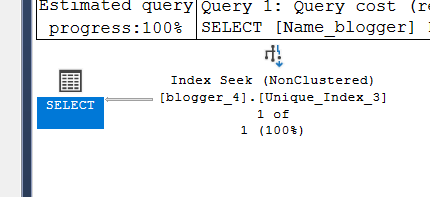


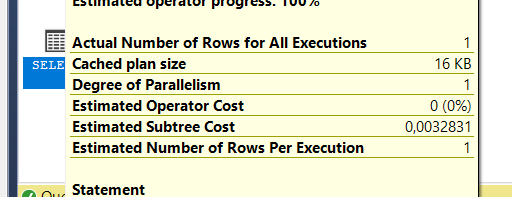


CREATE UNIQUE INDEX Unique\_Index\_3

ON [dbo].[blogger\_4]([ID\_blogger])

INCLUDE ([Name\_blogger])



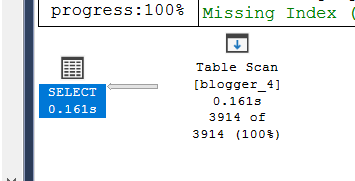


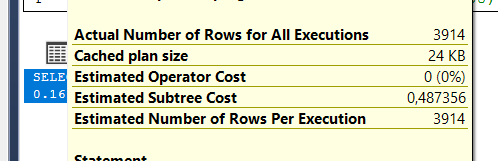
1. **Некластерный индекс (С включенными столбцами)**

SELECT [language\_blogger]

FROM [dbo].[blogger\_4]

WHERE [Name\_blogger] = 'f';

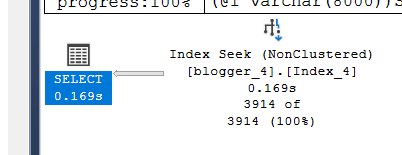


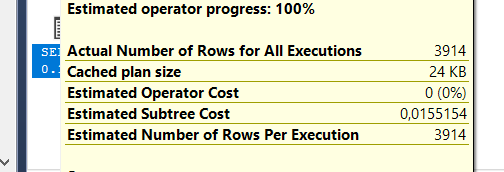


CREATE INDEX Index\_4

ON [dbo].[blogger\_4]([Name\_blogger])

INCLUDE ([language\_blogger]);



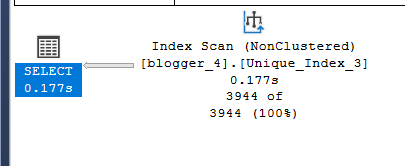


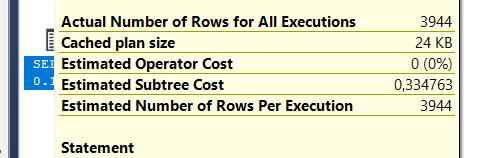
1. **Некластерный индекс (Отфильтрованный)**

SELECT [ID\_blogger], [Name\_blogger]

FROM [dbo].[blogger\_4]

WHERE [Name\_blogger] = 'M'





CREATE INDEX Index\_5

ON [dbo].[blogger\_4]([Name\_blogger])

INCLUDE ([ID\_blogger])

WHERE [Name\_blogger] = 'M'

