Question

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Cache Dynamic SQL Pagination

Would like to know if there is an alternative or better way to paginate through a dataset using dynamic SQL than what I am using below. The problem is that as the potential pool of data gets larger, this code slows down to the point of not being useable. In analyzing each line of code below, it appears the slow down is related to the initial rset.%Next() iteration. Is there anything available which does not require a subquery/%VID such as a simple LIMIT/OFFSET?

My code is similar to :

s sql=##class(%SQL.Statement).%New()

s query="SELECT *,%VID FROM (SELECT prop FROM table WHERE prop=x) WHERE %VID BETWEEN 1 AND 100"

s sc=sql.%Prepare(query)

s rset=sql.%Execute()

while rset.%Next() {.....

[#Object Data Model](#) [#SQL](#) [#Caché](#)

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