

# Performance question regarding the use of DataRelation in DataSet

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Hi,

I've got 2 DataGrids populated from 2 tables with a master/detail relationship. Master table has about 13000 records, detail table about 100 000 records.

As I understand it, it would be possible to fill one single dataset with data from both tables?

And then use a DataRelation to bind master data from grid 1 to detail data in grid 2, so that when a user selects a row in grid 1, the corresponding records are shown i grid 2?

If so, how would this reflect on performance? As far as I can tell, both tables have to be fully loaded into the dataset for this to work? Or does the .NET architecture do 'behind-the-scenes' querying and caching and re-querying of the database?

DataRelation seems to be ideal for my case, but if that implies that the users have to wait 2 minutes on application startup – then I'll have to continue on my initial path, and do a new query on detail data everytime a mousedown event fires on the master grid.

Regards,  
–Haakon–