

# Caching a Large DataSet

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**From:** George Durzi (*anonymous\_at\_discussions.microsoft.com*)

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I maintain a list of companies in my application. The first time the company table is accessed, I create a dataset and stick it in the Cache. When the company table is modified, I expire the cached item, recreate the DataSet, and stick it in the Cache again.

I get excellent performance when running this on my local machine. I can tell when an aspx is accessing a cached copy of the company list since it's very fast. However, it's painfully slow on my production server.

I'm starting to wonder whether it's efficient to store a DataSet that large (1 table, 4000 rows, 5 columns) in the Cache. Should I consider another data type such as an ArrayList that would be lighter to carry around?