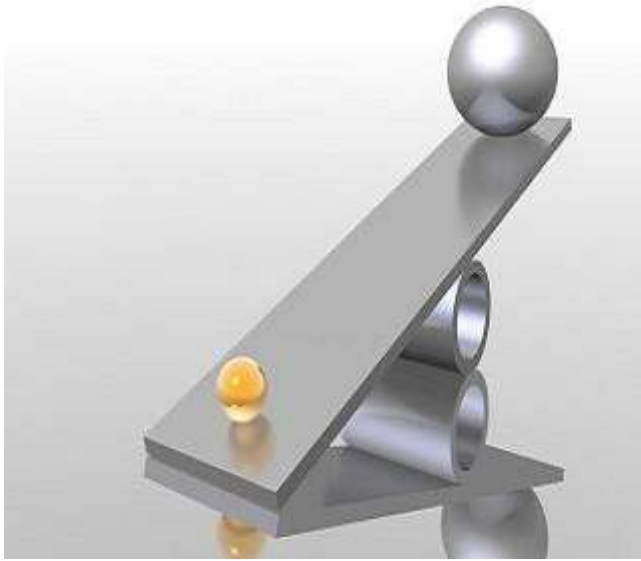


Has your E-Business database become unmanageable for your testing needs?



Do you struggle with full-sized copies of your Oracle E-Business database when testing new releases, conducting reporting, training or testing? Are you finding the process expensive, prone to error and inefficient?

We have the solution.

Grid-Tools DataShrink is a powerful new product that quickly shrinks your database, allowing your code to remain as is and requires very little application management. The tool is used with Oracle E-Business suite and has the ability to shrink databases in place and implement Oracle compression as part of the database reorganization.

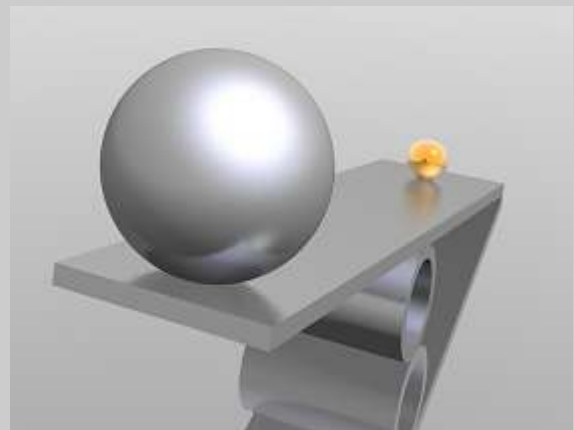
DataShrink supports your major modules

DataShrink is also a powerful script generator which allows users to generate all the DBA scripts to shrink the database and reassemble any invalid objects. The subsetting tool comes pre-populated with standard data subsetting definitions. These definitions allow the most common modules and large tables to be subsetting out of the box. Supported modules include:

- **General Ledger**
- **Accounts Payable**
- **Accounts Receivable**
- **Contact Grid-Tools for details of other modules**

The user can also add-in their own tables to standard extracts, add-in or omit entire tables, or build their own DataShrink subset definitions.

Introducing Grid-Tools DataShrink



Key Features

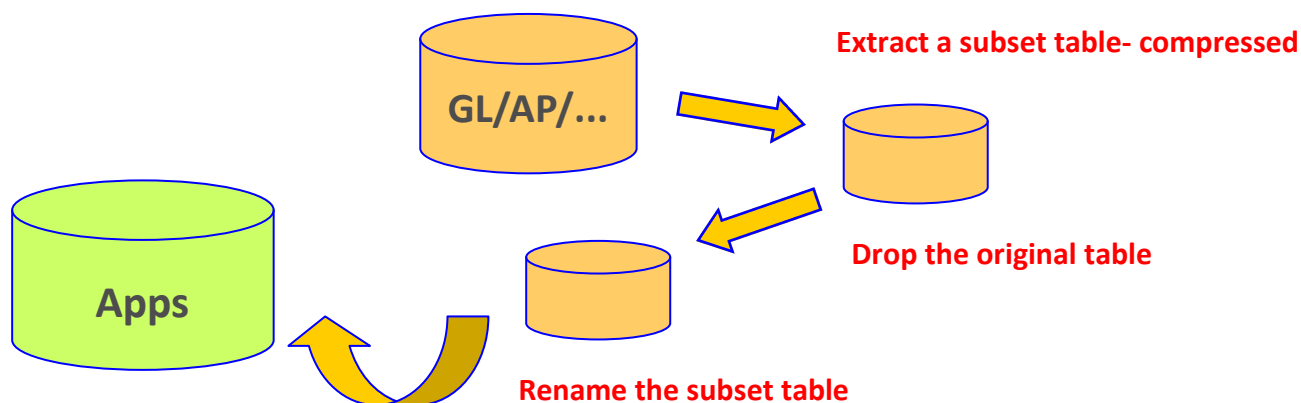
- Overall reduced disk space
- Faster run times in testing and development databases
- Removes redundant data tables built-up over time
- Specific databases can be created for different purposes (i.e. training and upgrade tests)
- Rapid data shrinking using parallelism in Unix environments

DataShrink shrinks your database in situ

The generated scripts run in parallel.

The ability to quickly shrink a database in situ is an attractive option as it allows database code to remain as is and requires very little application management.

Database Shrink Steps



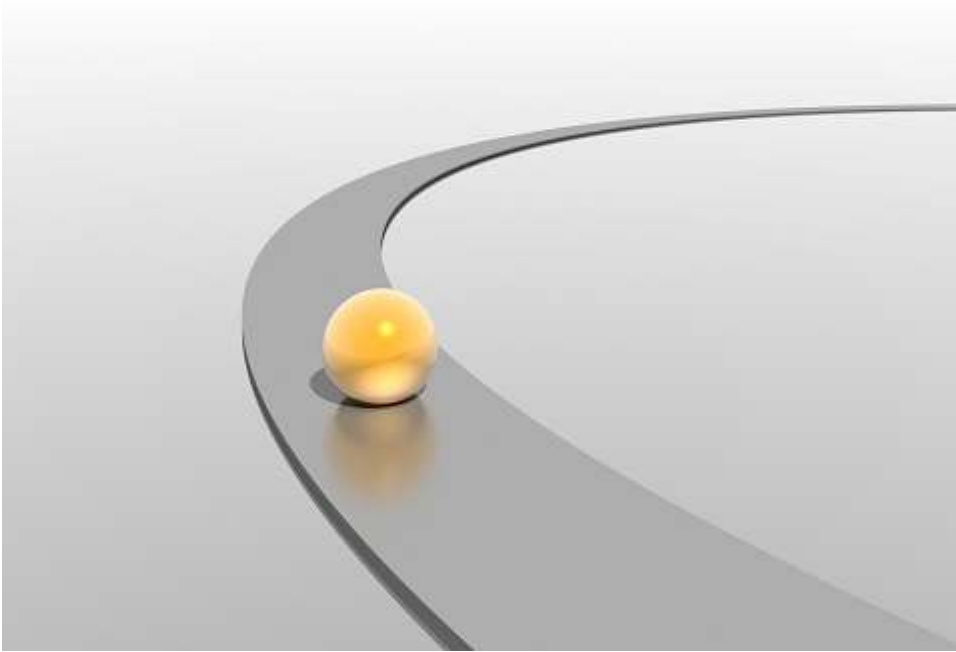
The generated scripts build all of the required UNIX or Windows scripts to shrink the database in situ. Many steps are run in parallel and contain comprehensive error checks. New table spaces can be specified and new space requirements are automatically calculated.

The major steps:

- *Enter selection criteria*
- *Build temporary compressed tables*
- *Drop original tables*
- *Rename temporary tables*
- *Rebuild and reassemble any dependant objects*
- *Recompile any APPS objects*



We can reduce your data footprint

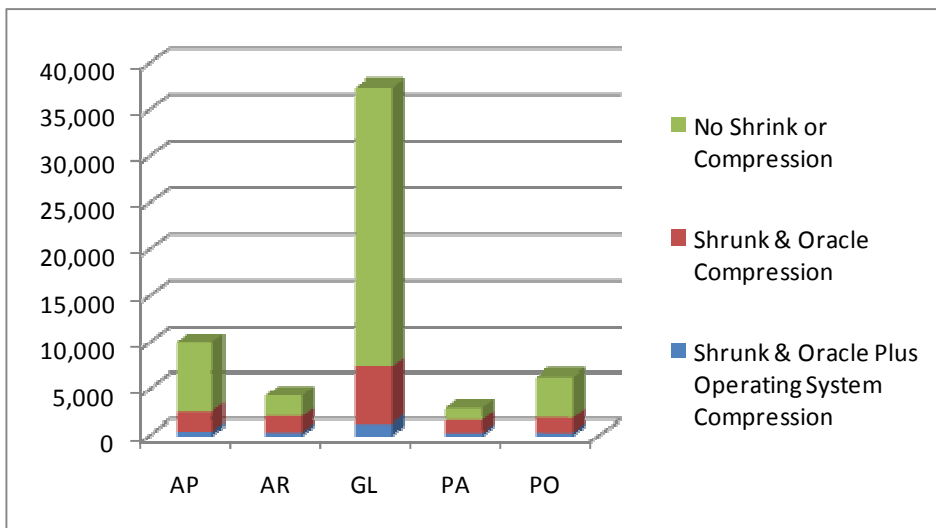


Using compression for performance improvements

The use of compression could bring immediate disk savings and potential Performance improvements. The main advantage of implementing compression is that it is an infrastructure change requiring little user input, as all of the work would be controlled by the systems and DBA departments. Data could be migrated with little swing space, as portions of the entire system are migrated over in phases. The savings in disk space look significant and we have realized measurable performance improvements.

Combining shrinking and compression

Using database shrinking combined with compression can significantly reduce your data footprint. The graph to the left shows a sample database shrinking and compression for an E-Business application, assuming a 20% reduction using organization ID, pivot dates or sets of books (size in meg).



GT-DataShrink is a new database shrinking tool developed by Grid-Tools to shrink and reorganize databases like Oracle E-Business suite for testing purposes. Contact Grid-Tools for more information.

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