

## kbmMemTable Pro v7.8200 for Delphi & CB XE8-12 Athens Full Source

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Sample benchmark, 100.000 records						
	kbmMT non batched	kbmMT batched	kbmMT Pro non batched	kbmMT Pro batched	AnyDAC ods non batched	AnyDAC ods batched
Without indexes (msecs)						
Insert:	24641	13766	13781	11703	41328	25063
Edit:	14266	14625	14687	13093	39187	18469
Locate by ID:	171	203	157	157	235	219
Locate by FInteger:	219	218	156	172	250	281
Locate by FString:	1188	1297	234	235	688	547
Delete:	14328	14203	860	593	23297	11359
Append:	18250	19407	16953	14735	43984	20860
Close:	125	47	78	62	281	235
With indexes (msecs)						
Insert:	82844	27719	25141	19578	111906	41437
Edit:	151390	28765	32828	22094	294953	29672
Locate by ID:	47	46	31	31	297	296
Locate by FInteger:	62	63	63	47	297	313
Locate by FString:	204	109	187	140	656	579
Delete:	61921	19250	6797	981	155562	14187
Append:	62922	31672	31000	23375	76891	30625
Close:	172	94	109	94	297	219
CPU time (min:sec)	6:39	2:40	2:14	1:40	11:36	3:03


If you're looking to temporarily store data in your Win 32/64, macOS, Linux 64, Android, or iOS 32/64 application created with RAD Studio, Delphi, C++ Builder, or FPC, kbmMemTable™ offers the ideal solution. Known as the world's fastest full TDataset-compatible in-memory table, **kbmMemTable Pro** provides high-speed access to data, mimicking the experience of working with database tables. It is loaded with functionality that enhances its utility in various development environments.

is a full-featured TDataset descendant that supports advanced indexing, full expression filters, and international locale indexing and sorting. It allows for in-memory data compression and supports a comprehensive range of fields, including blobs. The table is designed for easy interaction with other TDataset descendants and supports multiple cursors into the same physical in-memory data. It is fully compatible with all data-aware controls, ensuring seamless integration and operation within your applications.

The **kbmMemTable Pro** also supports multilevel transactions and provides robust SQL support with capabilities like SELECT, UPDATE, INSERT, DELETE, GROUP BY, ORDER BY, and custom functions. It features very fast aggregation and grouping methods and is fully live binding ready. The table supports saving and loading data from binary and CSV files, with XML and JSON options available in the Professional Edition. Additionally, it offers record versioning for multilevel undo and delta handling/resolving to external storage, supporting millions of records with an unlimited number of fields, only constrained by available memory.

### Key Features of kbmMemTable Pro :

1. Full-featured TDataset descendant
2. Full expression filters
3. Advanced index support, including filtered indexes
4. Full support for search and locate, utilizing indexes if existing
5. International locale support for indexing and sorting



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标签

Delphi

Components

VCL

6. In-memory compression of data
7. Support for a full range of fields, including blobs
8. Full compatibility with all data-aware controls
9. Easy interaction with other TDataset descendants
10. Supports multiple cursors into the same in-memory data
11. Full support for multilevel transactions (StartTransaction, Commit, Rollback)
12. SQL support with SELECT, UPDATE, INSERT, DELETE, GROUP BY, ORDER BY, and custom functions
13. Very fast aggregation and grouping methods
14. Fully live binding ready
15. Save and load from binary and CSV files (XML and JSON in Professional Edition)
16. Record versioning for multilevel undo and delta handling/resolving to external storage
17. Supports millions of records with an unlimited number of fields, limited only by memory
18. Standard Edition and Professional Edition available, with the latter offering the world's fastest in-memory dataset for Delphi/C++Builder/FPC
19. Development IDEs supported: RAD Studio, Delphi, C++Builder (various versions), with access to older versions supporting D5 to D2007 and FPC available for subscribers



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