

Toad® for IBM DB2 functional matrix

	Freeware (v6.5)	Base Edition		Professional Edition		Xpert Edition		Development Edition		DBA Edition		DB Admin Module	
	LUW & z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS
Essential functionality													
Browse and navigate through objects	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Create and manipulate database objects through a graphical interface	Limited objects	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Edit: code snippets, predictive typing, syntax highlighting, code folding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Explain Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Recall previously executed code		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Search for database objects		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Unicode support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Histogram tool		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Drag-and-drop automation engine		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Development functionality													
Query builder		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Show tables, dependencies with graphical ER diagram		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Format code		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Convert SQL into embedded SQL in application code		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Customize code templates and code formatter		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Generate test data				✓	✓	✓	✓	✓	✓	✓	N/A		
Compile code	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Debug code				✓	✓	✓	✓	✓	✓	✓	N/A		
Debug PL/SQL procedures				✓		✓		✓		✓	N/A		
Team collaboration													
Share common standards and templates		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Share snippets and reports		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Manage project assets		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Version control integration		✓		✓		✓		✓		✓	N/A		
Integrated collaboration with Toad World community		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		

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	LUW & z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS
Performance diagnostics and optimization													
Visual SQL query plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Display session information and performance metrics		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Display running processes	✓	✓		✓		✓		✓		✓	N/A		
Scan database objects and code for problematic SQL						✓		✓		✓	N/A		
Identify resource-intensive SQL statements						✓		✓		✓	N/A		
Automate SQL rewrites to locate the most efficient SQL alternative						✓	✓	✓	✓	✓	N/A		
Recommend indexes and analyze impact on database environment						✓	✓	✓	✓	✓	N/A		
Identify unused indexes						✓		✓		✓	N/A		
Optimize SQL without changes with Abstract Plans						✓		✓		✓	N/A		
Test SQL for scalability under simulated user loads to validate performance under production-like conditions								✓	✓	✓	N/A		
Schema, data and change management													
Advanced, highly productive data grids offering simple column selectivity and grouping	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Generate DDL		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Import/export data from data grid into/from Excel files and other formats	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Data compare and sync				✓	✓	✓	✓	✓	✓	✓	N/A		
Display table data representing parent-child dependencies		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Stress test the database and perform what-if analysis by using SQL scripts to simulate product load levels in a test environment prior to deployment or implementation of database or platform changes								✓	✓	✓	N/A		
Simulate database workloads using out-of-the-box industry-standard benchmarks such as TPC-C and TPC-E								✓	✓	✓	N/A		
Analyze the impact of new indexes and index changes on the database						✓	✓	✓	✓	✓	N/A		
Analyze SQL query plan changes between different database environments							✓		✓		N/A		
Analyze SQL query plan changes due to DB2 configuration changes							✓		✓		N/A		

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	LUW & z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS
Schema, data and change management con't													
Reverse engineer database schema into a physical data model, compare with another version and generate alter script										✓	N/A		
Reverse engineer physical data model into a platform-agnostic conceptual data model										✓	N/A		
Round-trip engineer from database or DDL between different database platforms										✓	N/A		
Reporting													
Generate customizable database reports in HTML										✓	N/A		
Generate customizable reports and charts based on output from SQL		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Manage reports		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Automate report generation and distribution		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Generate reports on potentially problematic SQL and optimization results		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Reorganize and summarize data to create meaningful reports with pivot grids		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Database administration													
Activate/deactivate database										✓	N/A	✓	✓
Attach/detach table partitions										✓	N/A	✓	
Audit policy management										✓	N/A	✓	
Backup (tablespace/database)										✓	N/A	✓	✓
Backup/restore database										✓	N/A	✓	✓
Batch analysis reporting										✓	N/A	✓	
Bind/rebind/free										✓	N/A	✓	✓
Catalog statistics update										✓	N/A	✓	✓
Compare DDL to flat file										✓		✓	
Convert Row Organized Tables to Column Organized										✓		✓	
Create/alter/drop databases										✓	N/A	✓	✓
Customizable object overview displays	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Dashboards										✓	✓	N/A	✓
Database map				✓	✓	✓	✓	✓	✓	✓	N/A		
DB/DBM configuration compare and sync										✓	N/A	✓	
DB2 command generation											N/A		✓
DB2 utility generation										✓	N/A	✓	✓
DDL script wizard										✓	N/A	✓	✓

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	LUW & z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS	LUW	z/OS
Database administration con't													
Display/cancel active threads											N/A		✓
Display/force active applications with SQL text										✓	N/A	✓	
Display/manage invalid objects		✓		✓		✓		✓		✓	N/A	✓	
Display/terminate active utilities										✓	N/A	✓	✓
Drop impact analysis	✓									✓	N/A	✓	
Dynamic statement cache							✓		✓		N/A		✓
Edit database parameters	View only									✓	N/A	✓	
Enable/disable masks										✓	N/A	✓	✓
Enable/disable row permissions										✓	N/A	✓	✓
Event monitor management										✓	N/A	✓	
Execute one or more scripts against one or more databases		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Extended alters										✓	N/A	✓	✓
HADR display/admin										✓	N/A	✓	
LISTCAT display											N/A		✓
List active utilities										✓	N/A	✓	✓
Lower container high watermark										✓	N/A	✓	
Manage advanced security objects: audit policies, security policies, label-based security, trusted context										✓	N/A	✓	✓
Manage database object permissions, users and roles		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Manage jobs		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Manage tables with ADMIN_MOVE_TABLE procedures										✓	N/A	✓	
Monitor database activity										✓	N/A	✓	
Multi-database query facility										✓	N/A	✓	✓
Object change recovery										✓	N/A	✓	✓
Object compare/sync										✓	N/A	✓	✓
Object migration										✓	N/A	✓	✓
Partitioned table analysis										✓	N/A	✓	
Pending DDL display (z/OS 10)											N/A		✓
Pending objects display											N/A		✓
QMF queries					✓		✓		✓				
Quiesce/unquiesce database										✓	N/A	✓	
Read/write SQL Scripts from/to PDS members													✓
Real-time statistics										✓	N/A	✓	✓
Rebalance containers										✓	N/A	✓	
Rebuild indexes											N/A		✓
Redistribute partition group										✓	N/A	✓	

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	Luw & z/OS	Luw	z/OS	Luw	z/OS	Luw	z/OS	Luw	z/OS	Luw	z/OS	Luw	z/OS
Database administration con't													
Reduce containers										✓	N/A	✓	
Remote script execution										✓	N/A	✓	✓
Restore (tablespace/database)										✓	N/A	✓	
Rotate partitions											N/A		✓
Row column access control										✓	N/A	✓	✓
Server-side script execution										✓	N/A	✓	✓
Space calculator										✓	N/A	✓	
Space compression analysis										✓	N/A	✓	
Space estimator										✓	N/A	✓	
Space exception report										✓	N/A	✓	
Space history (capture, view, maintain)										✓	N/A	✓	✓
Space usage detail										✓	N/A	✓	✓
Statistics migration										✓	N/A	✓	✓
Storage group analysis										✓	N/A	✓	
Transfer ownership										✓	N/A	✓	✓
View historical growth											N/A	✓	✓
WLM statistics monitoring										✓	N/A	✓	
Workload manager administration										✓	N/A	✓	
General													
Restrict access to Toad features		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Direct access to web search	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Integrated FTP utility		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Integration with Toad World login	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Share, schedule and automate tasks across one or more databases with macro/action record and playback		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Permit multiple Toads to run		✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Choose default DB2 client	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Separate 32-bit and 64-bit products	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Support for Connection String database connections	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		
Data Server Driver environment support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		