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System Properties Comparison dBASE vs. SQLite

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Our visitors often compare dBASE and SQLite with [Microsoft Access](#), [MySQL](#) and [Microsoft SQL Server](#).

Editorial information provided by DB-Engines		
Name	dBASE X	SQLite X
Description	dBase was one of the first databases with a development environment on PC's. Its latest version dBase V is still sold as dBase classic, which needs a DOS Emulation. The up-to-date product is dBase plus.	Widely used in-process RDBMS
Primary database model	Relational DBMS	Relational DBMS
DB-Engines Ranking 	Score 15.40 Rank #36 Overall #22 Relational DBMS	Score 122.62 Rank #11 Overall #7 Relational DBMS
Website	www.dbase.com	www.sqlite.org
Technical documentation	www.dbase.com/support/knowledgebase	www.sqlite.org/docs.html
Developer	Asthon Tate	Dwayne Richard Hipp
Initial release	1979	2000
Current release	dBASE PLUS 11, December 2016	3.30, October 2019
License ⓘ	commercial	Open Source ⓘ
Cloud-based only ⓘ	no	no
DBaaS offerings (sponsored links) ⓘ		
Implementation language		C
Server operating systems	DOS ⓘ Windows ⓘ	server-less
Data scheme	yes	yes ⓘ
Typing ⓘ	yes	yes ⓘ
XML support ⓘ		no
Secondary indexes	yes	yes
SQL ⓘ	no	yes ⓘ
	none ⓘ	



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APIs and other access methods		ADO.NET  JDBC  ODBC 
Supported programming languages	dBase proprietary IDE	Actionscript Ada Basic C C# C++ D Delphi Forth Fortran Haskell Java JavaScript Lisp Lua MatLab Objective-C OCaml Perl PHP PL/SQL Python R Ruby Scala Scheme Smalltalk Tcl
Server-side scripts 	no 	no
Triggers	no	yes
Partitioning methods 	none	none
Replication methods 	none	none
MapReduce 	no	no
Foreign keys 	yes	yes
Transaction concepts 	no 	ACID
Concurrency 	yes	yes 
Durability 	yes	yes
In-memory capabilities 		yes
User concepts 	Access rights for users and roles	no

More information provided by the system vendor

We invite representatives of system vendors to [contact us](#) for updating and extending the system information, and for displaying vendor-provided information such as key customers, competitive advantages and market metrics.

Related products and services		
3rd parties		<p>Navicat for SQLite is a powerful and comprehensive SQLite GUI that provides a complete set of functions for database management and development.</p> <p>» more</p>
<p>We invite representatives of vendors of related products to contact us for presenting information about their offerings here.</p>		
More resources		
	dBASE	SQLite
DB-Engines blog posts	<p>DB-Engines Ranking coverage expanded to 169 database management systems 3 June 2013, Paul Andlinger</p> <p style="text-align: right;">show all</p>	<p>Big gains for Relational Database Management Systems in DB-Engines Ranking 2 February 2016, Matthias Gelbmann</p> <p style="text-align: right;">show all</p>
Recent citations in the news	<p>Object-Oriented Databases Software Market 2019 Strategic Technology Advancement and Future Scope Till 2025 Google, Microsoft, InterSystems, DBase 9 October 2019, Weekly Spy</p> <p>Object-Oriented Databases Software Market to Deliver Prominent Growth & Striking Opportunities Scenario Highlighting Major Drivers & Trends 2019-2026 Google, Microsoft, InterSystems, DBase 3 October 2019, Market Expert</p> <p>dBase, LLC. is excited to announce the NEW version of dBASE® 2019 Optimized Edition 19 July 2019, MENAFN.COM</p> <p>Know about Object-Oriented Databases Software Market 2019-2026 in-depth approaches behind the Success and growth Of Top Players like Google,Microsoft,InterSystems,DBase,Cyebiz,VelocityDB,Paradigma 7 October 2019, Market Report Gazette</p> <p>5 ancient software programs we refuse to give up 31 July 2019, PCWorld</p> <p style="text-align: right;"><small>provided by Google News</small></p>	<p>RDBMS Software Market Global Industry Analysis, Trends and Forecast By Key Players: Cubrid, TmaxSoft, SQLite, Oracle, Microsoft, PostgreSQL , Global Development Group 22 October 2019, Global Market Release</p> <p>RDBMS Software Market research report with Leading business players: Cubrid, TmaxSoft, SQLite, Oracle, Microsoft, PostgreSQL , Global Development Group 14 October 2019, Galus Australis</p> <p>Global RDBMS Software Market Research Report 2019-2024 – SQLite, ThinkSQL, Oracle, Microsoft, IBM, PostgreSQL Global 4 October 2019, Mach Tribune</p> <p>Hackers can use an SQLite database vulnerability to take over an iPhone via the Contacts app 12 August 2019, Fast Company</p> <p>Researchers Show How SQLite Can Be Modified to ... 12 August 2019, Dark Reading</p> <p style="text-align: right;"><small>provided by Google News</small></p>
Job opportunities	<p>COMPUTER SPECIALIST (FIELD SUPPORT TECH) Navy Exchange Service Command, Washington, DC</p>	<p>Jr. QA Analyst Trainee SQA², Los Alamitos, CA</p>

[Research Associate PhD](#)
Wayne State University, Detroit, MI

[Research Assistant, MA](#)
Wayne State University, Detroit, MI

[Variable Data Specialist](#)
Curtis 1000 Inc., Duluth, GA

[Medical Credentials Administrator II](#)
Kaiser Permanente, San Francisco, CA

[PHP Framework Developer-Laravel](#)
Calabria Group, Scottsdale, AZ

[Junior Web Developer](#)
HealPay, Ann Arbor, MI

[INTERN - ANALYTICS & VISUALIZATION \[Temporary\]](#)
United Nations, New York, NY

[PHP Web Application Developer](#)
Old Dominion University, Norfolk, VA

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