

Four Js Genero 4.0x.xx Supported Operating Systems list Rev.2023-03-20

Discontinued System Support since Genero 4.0x has been created. These Operating Systems are no more supported by any FourJs products and versions.			
Operating System Version	End of life date	Provider's URL	
macOS 10.14 Mojave	2021-10-25	https://endoflife.date/macOS	
macOS 10.15 Catalina	2022-09-12	https://endoflife.date/macOS	
Debian			

(*) Will be desupported by any FourJs version

Windows Server 2012	2023-10-10	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2012
Red Hat Enterprise 7.x Power 64bit (ppc64 big-endian)	2023-12-31	

Operating System Version	Genero BDL With Web Services(2)	Genero Application Server	Genero Desktop Client	Genero Studio Client + Server	Genero Studio Server	Genero Report Engine
Apple						
X86_64 64bit - OS code : M64X1014						
macOS 11.x Big Sur	✓	✓	✓	✓	✓	✓
macOS 12.x Monterey	✓	✓	✓	✓	✓	✓
macOS 13.x Ventura (New)	✓	✓	✓	✓	✓	✓
ARM-M1 64bit - OS code : M64X1014 (*)						
macOS 11.x Big Sur	✓	✓	✓	✓	✓	✓
IBM						
PowerPC 64bit - OS code : A640710						
AIX 7.2 - 7.3 (New)	✓	✓	N/A	N/A	✓	✓
Linux Distributions						
X86_64 64bit - glibc 2.17 and higher - OS code : L64XL217						
Red Hat Enterprise 7.5 or higher - 8.0 to 8.5 (not high)	✓	✓	✓	✓	✓	✓
Red Hat Enterprise 8.6	✓	✓	N/A	N/A	N/A	✓
Red Hat Enterprise 9.x (New)	✓	✓	✓	✓	✓	✓
CentOS 7.5 -> latest 7.x	✓	✓	✓	✓	✓	✓
Oracle Linux 7.5	✓	✓	N/A	N/A	✓	✓
Oracle Linux 8	✓	✓	N/A	N/A	✓	✓
Ubuntu 22.04 (New)	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 12 - 15	✓	✓	✓	✓	✓	✓
Rocky Linux 8 / 9 (New)	✓	✓	N/A	N/A	N/A	✓
Power 64bit (ppc64 - big endian) - glibc 2.12 and higher - OS code : L64PL212 (*)						
Red Hat Enterprise 7.x	✓	✓	N/A	N/A	✓	✓
ARM64-AArch64 64bit - glibc 2.17 and higher - OS code : L64AL217						
CentOS 7.7	✓	✓	N/A	N/A	✓	✓
Note(s) about Linux Distributions						
Please be aware that support for Linux distributions is limited to those listed above. While Genero 4.0x is known to work on most major distributions, issues specific to a particular distribution will not be prioritized before issues tied to the listed distributions per processor types. For graphical Genero tools like GDC and GST, Four Js supports the following Linux Window(s) Managers : Gnome 3.2 and Higher and KDE 4 and higher. Some other Window(s) Managers are known to work, but issues specific to those will not be fixed.						
Microsoft Windows						
X86_64 64bit - OS code : W64V141						
Windows 10 - 11 (New)	✓	✓	N/A	✓	✓	✓
Windows Server 2012 - 2016 - 2019 - 2022 (New)	✓	✓	N/A	✓	✓	✓
X86_64 64bit - OS code : W64V142 (New)						
Windows 10- 11 (New)	N/A	N/A	✓	N/A	N/A	N/A
Windows Server 2012 - 2016- 2019 - 2022 (New)	N/A	N/A	(*)	N/A	N/A	N/A
Oracle Sun						
SPARC 64bit - OS code : S64S100						
Solaris 11	✓	✓	N/A	N/A	✓	✓
X86_64 64bit - OS code : S64X100						
Solaris 11	✓	✓	N/A	N/A	✓	✓

(*) This architecture requires the Rosetta tool see <https://support.apple.com/fr-fr/HT211861>

[2] Four Js Genero BDL with Web Services bundle includes the following components:

- Business Development Language (FGL)
- Web service extension (GWS)
- Testing tool (GGC)
- Application Server for Java (JGAS)
- Web Components and wrappers (WCG)
- Genero Browser Client (GBC)
- Genero Identity Provider (GIP)

Legend

OS Code	Code of the OS in the package name ie: fjs-gas-4.00.xx-buildxxx.xx-<code>.run
✓	Supported Operating System
(*)	Known to work on Microsoft Terminal Server and Citrix environment
N/A	Package Not Available

Four Js Genero 4.0x.xx Supported Database list Rev.2023-03-01

Discontinued Database Support since Genero 4.0X has been created. These databases are no more supported by any FourJs products and versions.

Oracle 12c	2022-07-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
IBM DB2	2022-12-31	Desupport was announced here https://forum.4js.com/fjs_forum/index.php?topic=1781.0
IBM Netezza	2022-12-31	Desupport was announced here https://forum.4js.com/fjs_forum/index.php?topic=1781.0
ODBC Compliant	2022-12-31	Desupport was announced here https://forum.4js.com/fjs_forum/index.php?topic=1781.0
MariaDB C API client 10.2	2022-05-22	https://mariadb.org/about/#maintenance-policy

(*) Will be desupported by any FourJs version

PostgreSQL C API client 11	2023-11-09	https://endoflife.software/applications/databases/postgresql
MySQL C API client 5.7	2023-10	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
MariaDB C API client 10.7	2023-02-09	https://mariadb.org/about/#maintenance-policy
MariaDB C API client 10.8	2023-05-20	https://mariadb.org/about/#maintenance-policy
MariaDB C API client 10.9	2023-08-23	https://mariadb.org/about/#maintenance-policy

Database Server	Database Client	Driver name	Operating System Code							
			a640710	i64x1217	i64p1212	i64a1217	m64x1014	s64s100	s64x100	w64v141
Informix										
IDS	CSDK ESQ/C 4.10 - 4.50	dbmifx_9	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Database										
18c	OCI client 18.x	dbmora_18	✓	✓				✓	✓	✓
19c	OCI client 19.x	dbmora_18	✓	✓				✓	✓	✓
21c	OCI client 21.x (New)	dbmora_18	✓	✓				✓	✓	✓
PostgreSQL										
11	PostgreSQL C API client 11 (*Desupported 2023-11-09)	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓	✓
12	PostgreSQL C API client 12	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓	✓
13	PostgreSQL C API client 13 (New)	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓	✓
14	PostgreSQL C API client 14 (New)	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓	✓
Oracle MySQL										
5.7	MySQL C API client 5.7	dbmmys_5_7		✓			✓			✓
8.0	MySQL C API client 8.0	dbmmys_8_0		✓			✓			✓
MariaDB										
10.3	MariaDB C API client 10.3	dbmmdb_10_2		✓	✓		✓			✓
10.4	MariaDB C API client 10.4	dbmmdb_10_2		✓	✓		✓			✓
10.5	MariaDB C API client 10.5	dbmmdb_10_2		✓	✓		✓			✓
10.6	MariaDB C API client 10.6	dbmmdb_10_2		✓	✓		✓			✓
10.7	MariaDB C API client 10.7	dbmmdb_10_2		✓	✓		✓			✓
10.8	MariaDB C API client 10.8	dbmmdb_10_2		✓	✓		✓			✓
10.9	MariaDB C API client 10.9	dbmmdb_10_2		✓	✓		✓			✓
10.10	MariaDB C API client 10.10	dbmmdb_10_2		✓	✓		✓			✓
Microsoft SQL Server										
SQL Server 2016	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓						
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓						✓
SQL Server 2017	FreeTDS ODBC 1.2.x	dbmftm_0	✓		✓			✓	✓	
	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓						✓
SQL Server 2019	Microsoft ODBC Driver 17.x	dbmsnc_17		✓						✓
	FreeTDS ODBC 1.2.x	dbmftm_0	✓		✓			✓	✓	
SQL Server 2022	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓						✓
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓						✓
Azure SQL DB v12	FreeTDS ODBC 1.2.x	dbmftm_0	✓		✓			✓	✓	
	EasySoft ODBC 1.9.4	dbmesm_1	✓	✓						✓
SQLite	ODBC Driver 13	dbmsnc_13		✓						✓
	ODBC Driver 17	dbmsnc_17		✓						✓
3.x	C/C++ Interface 3.x	dbmsqt_3	✓	✓	✓	✓	✓	✓	✓	✓
SAP HANA										
2.0	SAP HANA ODBC 2.x	dbmhdb_2		✓						✓

Systems Requirements for Four Js Genero Mobile 4.0x - Rev. 2023-04-28

Genero Studio	Target Platform			
	Android 5.0 -> 12.x		iOS 13.x -> 16.x	
	Development	APK Build	Development	IPA Build
Apple				
macOS	✓	✓(1)	✓(2)	✓(2)
Linux				
Debian stable (x86_64), Gnome 3(4)	✓	✓(1)	✓(3)	✗
Microsoft Windows				
Windows 10 / 11	✓	✓(1)	✓(3)	✗

- | | |
|--|---|
| <p>✓(1)</p> <p>✓(2)</p> <p>✓(3)</p> <p>(4)</p> | <p>For JDK supported version please refer to page 5 (Four Js Genero 4.00.xx Supported Java List) of this document</p> <p>Development of native iOS extensions requires Xcode 13 or later (please refer to https://xcodereleases.com/ for more information about macOS requirements).</p> <p>Requires an iOS Device (iOS 13.x to 16.x) with the Genero Mobile Development Client (available from Apple App Store) installed</p> <p>Tested on Debian stable 64bit with Gnome 3.x. Known to work on Linux distributions with GNU C Library (glibc) 2.15 or later, and 64-bit capable of running 32-bit applications</p> |
|--|---|

Genero Browser Client 4.0x.xx

Rev. 2021-09-28

Supported web browser

Mozilla Firefox (latest stable version)	✓
Google Chrome (latest stable version)	✓
Microsoft Edge (latest stable Chromium based version)	✓
Apple Safari (latest stable version)	✓
Native mobile browsers on iOS (Mobile Safari) and Android™	✓

Genero Report Viewer (GRV) for HTML5 Rev. 2021-09-28

Supported web browser

	Viewing	Printing
Mozilla Firefox (latest stable version)	✓	✓(1)
Google Chrome (latest stable version)	✓	✓(1)
Microsoft Edge (latest stable Chromium based version)	✓	✓(1)
Apple Safari (latest stable version)	✓	X
Native mobile browsers on iOS (Mobile Safari) and Android™	X	X

✓(1) Requires specific browser setup

X Not supported

Four Js Genero 4.0x.xx Supported Java list Rev.2023-03-01

Java version	Genero BDL With Web Services	Genero Application Server for Java	Genero Ghost Client	Genero Mobile for Android Client	Genero Report Engine
Oracle Java (JRE - JDK)					
8	✓	✓	✓	N/A	✓
11	✓	✓	✓	✓	✓
17	N/A	N/A	N/A	✓	✓
OpenJDK					
8	✓	✓	✓	N/A	✓
11	✓	✓	✓	✓	✓

APPENDIX A : Operating systems EOL - Rev. 2023-03-20

OS name	Processor	End of life Date	URL
Apple			
MacOS 10.14 Mojave	X86_64	2021-10-25	https://endoflife.date/macOS
MacOS 10.15 Catalina	X86_64	2022-09-12	https://endoflife.date/macOS
macOS 11.x Big Sur	X86_64	TBD	https://endoflife.date/macOS
macOS 12.x Monterey	X86_64	TBD	https://endoflife.date/macOS
macOS 13.x Ventura	X86_64	TBD	https://endoflife.date/macOS
IBM			
AIX 7.2	PowerPC (64bit)	TBD	https://www.ibm.com/support/pages/aix-support-lifecycle-information
AIX 7.3	PowerPC (64bit)	2024-12-31	https://www.ibm.com/support/pages/aix-support-lifecycle-information
Linux Distributions			
Red Hat Enterprise 7	X86 / X86_64	2024-06-30	https://endoflife.software/operating-systems/linux/red-hat-enterprise-linux-rhel
Red Hat Enterprise 8	X86 / X86_64	2029-05-31	https://endoflife.software/operating-systems/linux/red-hat-enterprise-linux-rhel
Centos 7	X86 / X86_64	2024-06-30	https://wiki.centos.org/About/Product
Oracle Linux 7	X86_64	2024-07	http://www.oracle.com/us/support/library/elsp-lifetime-069338.pdf
Oracle Linux8	X86_64	2029-07	http://www.oracle.com/us/support/library/elsp-lifetime-069338.pdf
Debian 10.x	X86 / X86_64	2022-08	https://wiki.debian.org/DebianReleases
Debian Stable (11.x)	X86 / X86_64	TDB	https://wiki.debian.org/DebianReleases
Ubuntu 22.04	X86 / X86_64	2027-04	https://endoflife.software/operating-systems/linux/ubuntu
SUSE Linux Enterprise Server 12	X86_64	2024-10-31	https://www.suse.com/lifecycle/
SUSE Linux Enterprise Server 15	X86_64	2028-07-31	https://www.suse.com/lifecycle/
Rocky Linux 8	X86_64	2032-05-31	https://rockylinux.org/news/rocky-linux-9-0-ga-release/
Rocky Linux 9	X86_64	2029-05-31	https://rockylinux.org/news/rocky-linux-9-0-ga-release/
CentOS 7.7	ARM-AArch64	2024-06-30	https://wiki.centos.org/About/Product
Microsoft Windows			
Windows 10	X86_64	2025-10-14	https://docs.microsoft.com/en-us/lifecycle/products/windows-10-home-and-pro
Windows 11	X86_64	TBD	https://docs.microsoft.com/en-us/lifecycle/products/windows-11-home-and-pro-version-21h2
Windows Server 2012	X86_64	2023-10-10	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2012
Windows Server 2016	X86_64	2027-01-12	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2016
Windows Server 2019	X86_64	2029-01-09	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2019
Windows Server 2022	X86_64	2029-01-09	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2022
Oracle Sun			
Solaris 11	SPARC / X86_64	2034-11-30	http://www.oracle.com/us/support/library/lifetime-support-hardware-301321.pdf
Solaris 11	X86_64	2034-11-30	http://www.oracle.com/us/support/library/lifetime-support-hardware-301321.pdf

Legend	
Not found	Four Js cannot find the information.
Not yet defined	The end-of-life date has yet to be defined

APPENDIX B : Databases EOL - Rev. 20230301

Database Name	End of life Date	URL
IBM Informix		
CSDK 4.10	Not yet defined	https://www.ibm.com/support/lifecycle/details?q45=L335162T22459B78
CSDK 4.50	Not yet defined	https://www.ibm.com/support/lifecycle/details?q45=T838949I61859V46
Oracle Database		
12.1	2022-07	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
12.2	2020-11-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
18c	2021-06-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
19c	2027-04-30	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
21c	2024-04-30	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
IBM DB2		
11.5	Not yet defined	https://www.ibm.com/support/lifecycle/details?q45=S483499A60550043
PostgreSQL		
11.7	2023-11-09	https://endoflife.software/applications/databases/postgresql
12.2	2024-11-14	https://endoflife.software/applications/databases/postgresql
13.4	2025-11-13	https://endoflife.date/postgresql
14	2026-09-30	https://endoflife.date/postgresql
Oracle MySQL		
5.7	2023-10	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
8.0	2026-04-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
MariaDB		
10.2	2022-05-23	https://mariadb.org/about/maintenance-policy/
10.3	2023-05-25	https://mariadb.org/about/#maintenance-policy
10.4	2024-06-18	https://mariadb.org/about/#maintenance-policy
10.5	2025-06-24	https://mariadb.org/about/#maintenance-policy
10.6	2026-07-06	https://mariadb.org/about/#maintenance-policy
10.7	2023-02-09	https://mariadb.org/about/#maintenance-policy
10.8	2023-05-20	https://mariadb.org/about/#maintenance-policy
10.9	2023-08-23	https://mariadb.org/about/#maintenance-policy
10.10	2023-11-17	https://mariadb.org/about/#maintenance-policy
Microsoft SQL Server		
SQL Server 2016	2026-07-14	https://learn.microsoft.com/en-us/lifecycle/products/sql-server-2016
SQL Server 2017	2027-12-10	https://docs.microsoft.com/en-us/lifecycle/products/sql-server-2017
SQL Server 2019	2030-08-01	https://docs.microsoft.com/en-us/lifecycle/products/sql-server-2019
SQL Server 2022	2033-01-11	https://learn.microsoft.com/en-us/lifecycle/products/sql-server-2022
SQLite		
3.x.x	No rules	https://sqlite.org/news.html
SAP HANA		
2.0	Not yet defined	https://blogs.sap.com/2020/02/21/planned-release-of-sap-hana-2.0-sps05-and-impact-on-maintenance-for-sap-hana/

Legend

Not yet defined	The end-of-life date has yet to be defined
No rules	There is no rule provided by the database provider; support can stop at any moment.
Not found	Four Js cannot find the information.