Four Js Genero 4.0x.xx Supported Operating Systems list Rev.2022-11-25

Discontinued System Support since Genero 4.0x has been created. Theses 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

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 (**New**)	✔	✔	✔	✔	✔	✔
ARM-M1 64bit - OS code : M64X1014 (*)						
macOS 11.x Big Sur	✔	✔	✔	✔	✔	✔
macOS 12.x Monterey (**New**)	✔	✔	✔	✔	✔	✔
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 /8.0 to 8.5 (**not higher**)	✔	✔	✔	✔	✔	✔
CentOS 7.5 -> latest 7.x	✔	✔	✔	✔	✔	✔
Oracle Linux 7.5	✔	✔	N/A	N/A	✔	✔
Oracle Linux 8	✔	✔	N/A	N/A	✔	✔
Debian Stable 10.x / 11.x (**New**)	✔	✔	✔	✔	✔	✔
SUSE Linux Enterprise Server 12 / 15	✔	✔	✔	✔	✔	✔
Rocky Linux 8 / 9	✔	✔	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-buildxxxx.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.2022-06-30

(*) Will be desupported by any FourJs version

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*

Database Server	Database Client	Driver name	Operating System Code							
			a640710	l64xl217	l64pl212	l64al217	m64x1014	s64s100	s64x100	w64v141
Informix										
IDS	CSDK ESQL/C 4.10 - 4.50	dbmifx_9	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Database										
12c	OCI client 12.x (Desupported)	dbmora_12	✓	✓				✓	✓	✓
18c	OCI client 18.x	dbmora_18	✓	✓				✓	✓	✓
19c	OCI client 19.x	dbmora_18	✓	✓				✓	✓	✓
21c	OCI client 21.x (New)	dbmora_18	✓	✓				✓	✓	✓
IBM DB2 (Desupported enf of 2022*)										
LUW 11.x	CLI client 11.x	dbmdb2_10	✓	✓						✓
PostgreSQL										
11	PostgreSQL C API client 11	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										
10.2 +	MariaDB C API client 10.2+	dbmmdb_10_2		✓	✓		✓			✓
Microsoft SQL Server										
SQL Server 2016	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓						
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓						✓
	FreeTDS ODBC 1.2.x	dbmftm_0	✓	✓	✓			✓	✓	
SQL Server 2017	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓						
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓						✓
	FreeTDS ODBC 1.2.x	dbmftm_0	✓	✓	✓			✓	✓	
SQL Server 2019	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓						
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓						✓
	FreeTDS ODBC 1.2.x	dbmftm_0	✓	✓	✓			✓	✓	
	EasySoft ODBC 1.9.4	dbmesm_1	✓	✓	✓					
Azure SQL DB v12	ODBC Driver 13	dbmsnc_13		✓						✓
	ODBC Driver 17	dbmsnc_17		✓						✓
SQLite										
3.x	C/C++ Interface 3.x	dbmsqt_3	✓	✓	✓	✓	✓	✓	✓	✓
ODBC Compliant (Desupported enf of 2022*)										
Generic ODBC 3.x	ODBC 3.x	dbmodc_3		✓			✓			✓
IBM Netezza (Desupported enf of 2022*)										
7.x	IBM Netezza ODBC 3.x	dbmntz_6	✓	✓						✓
11.x	IBM Netezza ODBC 3.x(New)	dbmntz_6	✓	✓						✓
SAP HANA										
2.0	SAP HANA ODBC 2.x	dbmhdb_2		✓						✓

Systems Requirements for Four Js Genero Mobile 4.0x - Rev. 2022-10-17

Genero Studio	Target Platform			
	Android 5.0 -> 12.x		iOS 13.x -> 16.x	
	Development	APK Build	Development	IPA Build
Apple				
macOS 11.3	✓	✓(1)	✓(2)	✓(2)
Linux				
Debian stable (x86_64), Gnome 3**(4)**	✓	✓(1)	✓(3)	X
Microsoft Windows				
Windows 10 / 11	✓	✓(1)	✓(3)	X

✓**(1)**	For JDK supported version please refer to page 5 (Four Js Genero 4.00.xx Supported Java List) of this document
✓**(2)**	Development of native iOS extensions requires Xcode 13 running on macOS 11.3 or later.
✓**(3)**	Requires an iOS Device (iOS 13.x to 16.x) with the Genero Mobile Development Client (available from Apple App Store) installed
(4)	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

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.2022-09-13

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	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓
OpenJDK					
8	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓

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
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
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	2023-10-10	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. 2022-04-12

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=T838949I61859Y46
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=S483499A60550O43
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/
Microsoft SQL Server		
SQL Server 2016	2027-12-10	https://docs.microsoft.com/en-us/lifecycle/products/sql-server-2017
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
SQLite		
3.x.x	No rules	https://sqlite.org/news.html
IBM Netezza		
7.x	Not found	
11.x	Not found	
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.