

Four Js Genero 3.10.xx Supported Operating Systems list Rev.2023-03-01

Discontinued System Support since Genero 3.10 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
Windows 7	2020-01-14	https://docs.microsoft.com/en-us/lifecycle/products/windows-7
Windows Server 2008 R2	2020-01-14	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2008-r2
RedHat 6	2020-11-30	https://endoflife.software/operating-systems/linux/red-hat-enterprise-linux-rhel
Centos 6	2020-11-31	https://endoflife.date/centos
CentOS 8 (Centos 8 Stream is not supported)	2021-12-31	https://endoflife.date/centos
PA/RISC HP-LUX 11.31	2020-12-31	https://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
macOS 10.12 Sierra	2019-10-01	https://endoflife.date/macos
macOS 10.13 High Sierra	2020-12-01	https://endoflife.date/macos
macOS 10.14 Mojave	2021-10-25	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-ent)	2023-12-31	

Operating System Version	Genero BDL With Web Services	Genero Application Server	Genero Application Server for Java	Genero Desktop Client	Genero Ghost Client	Genero Studio Client + Server	Genero Studio Server	Genero Report Engine	Genero Report Designer
Apple									
X86_64 64bit - OS code : M64X1011									
macOS 10.12 Sierra (Desupported)	✓	✓	✓	✓	✓	✓	✓	✓	N/A
macOS 10.13 High Sierra (Desupported)	✓	✓	✓	✓	✓	✓	✓	✓	N/A
macOS 10.14 Mojave (Desupported)	✓	✓	✓	✓	✓	✓	✓	✓	N/A
Hewlett Packard									
PA/RISC 64bit - OS code : H641111									
HP-LUX 11.31 (11iv3) (Desupported)	✓	✓	N/A	N/A	N/A	N/A	✓	✓	N/A
ia64 64bit - OS code : H641112									
HP-LUX 11.31 (11iv3)	✓	✓	N/A	N/A	N/A	N/A	✓	✓	N/A
IBM									
PowerPC 64bit - OS code : A640710									
AIX 7.1	✓	✓	✓	N/A	N/A	N/A	✓	✓	N/A
AIX 7.2	✓	✓	✓	N/A	N/A	N/A	✓	✓	N/A
Linux Distributions									
X86 32bit - glibc 2.12 and higher - OS code : L32XL212									
Red Hat Enterprise 7	✓	✓	✓	✓	✓	✓	✓	✓	✓
X86_64 64bit - glibc 2.12 and higher - OS code : L64XL212									
Red Hat Enterprise 7 / 8.0 -> 8.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
CentOS 7	✓	✓	✓	✓	✓	✓	✓	✓	✓
CentOS 8 (Desupported)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Linux 7	✓	✓	✓	N/A	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 12	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 15	✓	✓	✓	N/A	✓	✓	✓	✓	✓
Power 64bit (ppc64) - glibc 2.12 and higher - OS code : L64PL212									
Red Hat Enterprise 7.x	✓	✓	✓	N/A	✓	N/A	✓	✓	N/A
ARM-V7 32bit - glibc 2.19 and higher - OS code : L32AL219									
Raspbian 10.0 (Buster)	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A
Ubuntu 14.04 (Linaro)	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A
Please be aware that support for Linux distributions is limited to those listed above. While Genero 3.10 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.									
Note(s) about Linux Distributions									
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 32bit - OS code : W32V140									
Windows 7 (Desupported)	✓	✓	✓	✓	✓	✓	✓	✓	✓
X86_64 64bit - OS code : W64V140									
Windows 8.1 / 10	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012	✓	✓	✓	(*)	✓	✓	✓	✓	✓
Windows Server 2016	✓	✓	✓	(*)	✓	✓	✓	✓	✓
Windows Server 2019	✓	✓	✓	(*)	✓	✓	✓	✓	✓
Oracle Sun									
SPARC 64bit - OS code : S64S100									
Solaris 10	✓	✓	✓	N/A	N/A	N/A	✓	✓	N/A
Solaris 11	✓	✓	✓	N/A	N/A	N/A	✓	✓	N/A
X86_64 64bit - OS code : S64X100									
Solaris 10	✓	✓	✓	N/A	N/A	N/A	✓	✓	N/A
Solaris 11	✓	✓	✓	N/A	N/A	N/A	✓	✓	N/A

Legend

OS Code	Code of the OS in the package name ie: fjs-gas-3.10.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 3.10.xx Supported Database list Rev.2022-06-30

Discontinued Database Support since Genero 3.10 has been created. These databases are no more supported by any FourJs products and versions.

Operating System Version	End of life date	Provider's URL
Informix IDS CSDK ESQ/C 3.50	2020-01-14	https://www.ibm.com/support/pages/node/1221388
Informix IDS CSDK ESQ/C 3.70	2020-09-30	https://www.ibm.com/support/lifecycle/details?qa45=G113684U93293O76
Oracle 11g	2020-12	https://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
IBM DB2 UDB 10.1	2017-09-30	https://www.ibm.com/support/pages/node/1181866
IBM DB2 UDB 10.5	2020-04-30	https://www.ibm.com/support/pages/node/1181872
PostgreSQL 9.x	2021-11-11	https://www.postgresql.org/support/versioning/
Oracle MySQL 5.5	2018-12	https://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle MySQL 5.6	2021-02	https://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Microsoft SQL Server 2008	2019-07-09	https://support.microsoft.com/en-us/lifecycle/search?alpha=SQL%20Server%202008%20R2%20Service%20Pack%203
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/jjs_forum/index.php?topic=1781.0
IBM Netezza	2022-12-31	Desupport was announced here https://forum.4js.com/jjs_forum/index.php?topic=1781.0
ODBC Compliant	2022-12-31	Desupport was announced here https://forum.4js.com/jjs_forum/index.php?topic=1781.0

Database Server	Database Client	Driver name	OS Code											
			a640710	h641111	h641112	i32x1212	i64x1212	i64pi212	i32a1219	m64x1011	s64s100	s64x100	w32v140	w64v140
Informix														
IDS	CSDK ESQ/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	✓		✓	✓	✓			✓	✓	✓	✓	✓
PostgreSQL														
10	C API	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle MySQL														
5.5 - 5.6	C API	dbmmys_5_5				✓	✓	✓	✓	✓	✓	✓	✓	✓
5.7	C API	dbmmys_5_7				✓	✓	✓	✓	✓	✓	✓	✓	✓
8.0	C API	dbmmys_8_0				✓	✓	✓	✓	✓	✓	✓	✓	✓
MariaDB														
10.2	C API	dbmmdb_10_2				✓	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft SQL Server														
SQL Server 2012	SQL Native Client 11	dbmsnc_11					✓						✓	✓
	FreeTDS 1.00.15	dbmftm_0	✓	✓	✓	✓	✓	✓			✓	✓		
	EasySoft ODBC 1.9.4	dbmesm_1	✓	✓	✓	✓	✓	✓			✓	✓		
SQL Server 2014	SQL Native Client 11	dbmsnc_11					✓						✓	✓
	FreeTDS 1.00.15	dbmftm_0	✓	✓	✓	✓	✓	✓			✓	✓		
	EasySoft ODBC 1.9.4	dbmesm_1	✓	✓	✓	✓	✓	✓			✓	✓		
SQL Server 2016	ODBC Driver 13	dbmsnc_13					✓						✓	✓
	ODBC Driver 17	dbmsnc_17					✓						✓	✓
	FreeTDS 1.00.15	dbmftm_0	✓	✓	✓	✓	✓	✓			✓	✓		
	EasySoft ODBC 1.9.4	dbmesm_1	✓	✓	✓	✓	✓	✓			✓	✓		
SQL Server 2017	ODBC Driver 13	dbmsnc_13					✓						✓	✓
	ODBC Driver 17	dbmsnc_17					✓						✓	✓
	FreeTDS 1.00.15	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	dbmsqt_3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SAP Sybase ASE (Desupported after version 3.10.15 of Genero BDL)														
16.x	OCS	dbmase_16					✓							✓
SAP HANA														
2.0	SAP HANA ODBC	dbmhdb_2					✓						✓	✓

Systems Requirements for Four Js Genero Mobile 1.30 - Rev. 2022-04-04

IMPORTANT : The version 1.30 of Genero Mobile (for Android and iOS) is no more supported by FourJs.
You must use the latest version of Genero Mobile.

Genero Studio	Target Platform			
	Android 5.0 -> 8.0		iOS 9.x -> 12.x	
	Development	APK Build	Development	IPA Build
Apple				
Mac OS X 10.11	✓	✓(1)	✓(2)	✓(2)
macOS 10.12	✓	✓(1)	✓(2)	✓(2)
macOS 10.13	✓	✓(1)	✓(2)	✓(2)
macOS 10.14	✓	✓(1)	✓(2)	✓(2)
Linux				
Debian stable (x86_64), Gnome 3(4)	✓	✓(1)	✓(3)	X
Microsoft Windows				
Windows 7 / 8.1 / 10	✓	✓(1)	✓(3)	X

<p>✓(1) Requires Android SDK and Oracle Java JDK 8 (JRE alone is not sufficient)</p> <p>✓(2) Development of native iOS extensions requires Xcode 9 and 10 and macOS 10.11, 10.12, 10.13, 10.14</p> <p>✓(3) Requires an iOS Device (iOS 9.x to 12.x) with the Genero Mobile Development Client (available from Apple App Store) installed</p> <p>(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</p>
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Genero Browser Client 1.00.xx
Rev. 2022-04-04

Discontinued web browsers since Genero 3.10 has been created. These web browsers are no more supported by any FourJs products and versions.

Microsoft Internet Explorer (11.x) see post in the FourJs Forum https://forum.4js.com/fjs_forum/index.php?topic=1603.0

Supported web browser

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

Genero Report Viewer (GRV) for HTML5 Rev. 2022-04-04

Supported web browser

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

✓(1)

Requires specific browser setup

X

Not supported

Four Js Genero 3.10.xx Supported Java list Rev.2019-01-03

Java version	Genero BDL	Genero	Genero Ghost	Genero Mobile	Genero Report
Oracle Java (JRE - JDK)					
8	✓	✓	✓	✓	✓
OpenJDK					
8	✓	✓	✓	✓	✓
11	✓	✓	✓	N/A	N/A

Exceptions:

- IBM AIX: Four Js tested with IBM Java 7. IBM Java 7 was the most recent version available at the time of the Genero 3.10 release.
- HP-UX PA/RISC : This OS only supports JDK and JRE 6. As such, the Genero Application Server for Java (JGAS) and Genero Ghost Client (GGC) cannot run on this operating system.

APPENDIX A : Operating systems EOL - Rev. 2022-09-26

OS name	Processor	End of life Date yyyy-mm-dd	URL
Mac Osx 10.11 El Capitan	X86_64	2018-11-01	http://news.fnai.gov/2018/09/mac-os-el-capitan-v10-11-end-of-life-thursday-nov-1/
MacOS 10.12 Sierra	X86_64	2019-10-01	https://endoflife.date/mac-os
MacOS 10.13 High Sierra	X86_64	2020-12-01	https://endoflife.date/mac-os
MacOS 10.14 Mojave	X86_64	2021-10-25	https://endoflife.date/mac-os
HP-UX 11.31 (11iv3)	PA/RISC (64bit)	2020-12-31	http://www8.hp.com/h20195/v2/GetPDF.aspx/4AA4-7673ENW.pdf
HP-UX 11.31 (11iv3)	ia64 (Itanium 2)	2025-12-31	http://www8.hp.com/h20195/v2/GetPDF.aspx/4AA4-7673ENW.pdf
AIX 6.1	PowerPC (64bit)	2017-04-30	https://www-01.ibm.com/software/support/lifecycleapp/PLCDetail.wss?q45=I458210M53882V17
AIX 7.1	PowerPC (64bit)	Not yet defined	https://www-01.ibm.com/software/support/lifecycleapp/PLCDetail.wss?q45=V548427H70552500
AIX 7.2	PowerPC (64bit)	Not yet defined	http://www-01.ibm.com/software/support/lifecycleapp/PLCDetail.wss?q45=H977549X24957A42
Red Hat Enterprise 6	X86 / X86_64	2020-11-30	https://endoflife.software/operating-systems/linux/red-hat-enterprise-linux-rhel
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	Not yet defined	https://endoflife.software/operating-systems/linux/red-hat-enterprise-linux-rhel
Red Hat Enterprise 6	Power(64bit)	Not yet defined	https://endoflife.software/operating-systems/linux/red-hat-enterprise-linux-rhel
Red Hat Enterprise 7	Power(64bit)	Not yet defined	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
Centos 8	X86 / X86_64	2029-05-31	https://endoflife.date/centos
Oracle Linux 7	X86_64	2024-07	http://www.oracle.com/us/support/library/lifetime-support-hardware-301321.pdf
Debian Stable (9.x)	X86 / X86_64	2022-06-30	https://wiki.debian.org/DebianReleases
Debian Stable (10.x)	X86 / X86_64	Not yet defined	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/
Raspbian 8.0 (Jessie)	ARM-V7	2020-06-30	https://endoflife.date/debian
Raspbian 10.0 (Buster)	ARM-V7	2024-06-01	https://endoflife.date/debian
Ubuntu 14.04 (Linaro)	ARM-V7	2019-04	https://thetack.technology/ubuntu-eol-14-04/
Microsoft Windows 7	X86 / X86_64	2020-01-14	https://docs.microsoft.com/en-us/lifecycle/products/windows-7
Microsoft Windows 8	X86_64	2023-01-10	https://docs.microsoft.com/en-us/lifecycle/products/windows-81
Microsoft Windows 10	X86_64	2025-10-14	https://docs.microsoft.com/en-us/lifecycle/products/windows-10-home-and-pro
Microsoft Windows Server 2008 R2	X86_64	2020-01-14	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2008-r2
Microsoft Windows Server 2012	X86_64	2023-01-10	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2012
Microsoft Windows Server 2016	X86_64	2027-01-12	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2016
Microsoft Windows Server 2019	X86_64	2029-01-09	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2019
Oracle Sun Solaris 10	SPARC / X86_64	2024-01-31	http://www.oracle.com/us/support/library/lifetime-support-hardware-301321.pdf
Oracle Sun Solaris 11	SPARC / X86_64	2034-11-30	http://www.oracle.com/us/support/library/lifetime-support-hardware-301321.pdf
Oracle Sun Solaris 10	X86_64	2024-01-31	http://www.oracle.com/us/assets/lifetime-support-hardware-301321.pdf
Oracle Sun Solaris 11	X86_64	2034-11-30	http://www.oracle.com/us/assets/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. 2022-04-04

Database Name	End of life Date	URL
IBM Informix		
CSDK 3.50	2018-04-30	https://www.ibm.com/support/pages/node/1221388
CSDK 3.70	2020-09-30	https://www.ibm.com/support/lifecycle/details?q45=G113684U93293076
CSDK 4.10	Not yet defined	https://www.ibm.com/support/lifecycle/details?q45=L335162722459878
CSDK 4.50	Not yet defined	https://www.ibm.com/support/lifecycle/details?q45=T838949I61859Y46
Oracle Database 11.2	2020-12	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle Database 12.1	2022-07	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle Database 12.2	2020-11-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle Database 18c	2021-06-01	https://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle Database 19c	2027-04-30	https://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
IBM DB2 10.1	2017-09-30	https://www.ibm.com/support/pages/node/1181866
IBM DB2 10.5	2020-04-30	https://www.ibm.com/support/pages/node/1181872
IBM DB2 11.1	2022-04-30	https://www.ibm.com/support/pages/lifecycle/details?q45=C270673X72698B35
PostgreSQL 9.2	2017-09	http://www.postgresql.org/support/versioning/
PostgreSQL 9.3	2018-09	http://www.postgresql.org/support/versioning/
PostgreSQL 9.4	2019-12	http://www.postgresql.org/support/versioning/
PostgreSQL 9.5	2021-01	http://www.postgresql.org/support/versioning/
PostgreSQL 9.6	2021-09	http://www.postgresql.org/support/versioning/
PostgreSQL 10.6	2022-10-01	https://endoflife.software/applications/databases/postgresql
Oracle Mysql 5.5	2018-12	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle Mysql 5.6	2021-02	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle Mysql 5.7	2023-10	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
Oracle Mysql 8.0	2016-04-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
MariaDB 10.1	2020-10-17	https://mariadb.com/kb/en/mariadb/mariadb-maintenance-policy/
MariaDB 10.2	2022-05-23	https://mariadb.com/kb/en/mariadb/mariadb-maintenance-policy/
Microsoft SQL Server 2008	2019-07-09	https://support.microsoft.com/en-us/lifecycle/search?alpha=SQL%20Server%202008%20R2%20Service%20Pack%203
Microsoft SQL Server 2012	2022-07-12	https://support.microsoft.com/en-us/lifecycle/search?alpha=SQL%20Server%202012%20Service%20Pack%204
Microsoft SQL Server 2014	2024-07-09	https://support.microsoft.com/en-us/lifecycle/search?alpha=SQL%20Server%202014%20Service%20Pack%203
Microsoft SQL Server 2016	2026-07-14	https://support.microsoft.com/en-us/lifecycle?p1=18457
Microsoft SQL Server 2017	2027-12-10	https://docs.microsoft.com/en-us/lifecycle/products/sql-server-2017
SQLite 3.x.x	No rules	https://sqlite.org/news.html
IBM Netezza 6.x	2019-06-30	https://www.ibm.com/support/lifecycle/details?q45=B169987C37563F90
IBM Netezza 7.x	Not found	
SAP Sybase ASE 16.x		
OCS 16.x	Not found	

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.