

SALOME 4.1.4 supported platforms

SALOME 4.1.4 supports Debian 3.1 Sarge, Debian 4.0 Etch 32bit and 64bit, Mandriva 2006 32bit and 64bit, Mandriva 2008 32bit and 64bit.

SALOME 4.1.4 version has been mainly tested with the below listed pre-requisites on Mandriva 2008 32bit and Debian 4.0 Etch 64bit platforms.

SALOME 4.1.4 comes with the same prerequisites versions on all supported platforms. The table below lists the versions of the products used by SALOME platform. Other versions of the products can also work but it is not guaranteed.

	Version	GUI (IAPP)	KERNEL	GEOM	SMESH	VISU	MED	SUPERVISION	HexoticPLUGIN	FILTER	GHS3DPRLPLUGIN	RANDOMIZER	SIERPINSKY	BLSURFPLUGIN	GHS3DPLUGIN	PYCALCULATOR	COMPONENT	NETGENPLUGIN	LIGHT	MULTIPR	CALCULATOR	HELLO	PYHELLO	YACS	xdata	HXX2SALOME
gcc*	3.3.5**	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
automake*	1.9**	X	X	X	X	X	X					X	X		X	X	X	X	X		X	X	X	X	X	X
autoconf*	2.59**	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
libtool*	1.5.6**	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GNU make*	3.80**	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Python	2.4.4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Qt&msg2qm	3.3.8	X		X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X
Sip	4.7.3	X															X									
PyQt	3.17.4	X															X									X
Boost	1.34.1	X	X	X	X	X	X	X	X	X	X		X	X	X			X		X	X	X				
Swig	1.3.31	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X			X			X		
Open CASCADE Technology	6.3***	X		X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X		X		
Qwt	4.2.0	X															X									
OmniORB OmniORBpy omniNotify	4.1.0 3.0 2.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Hdf5	1.6.4	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X					
Med	2.3.5				X	X	X			X	X		X			X	X	X		X	X					
Vtk	5.0	X		X	X	X	X	X	X	X	X		X	X	X		X	X	X							X
Numeric	24.2		X																							
Graphviz	2.16.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		
Doxygen	1.5.6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		
NETGEN	4.5																	X								
docutils	0.3.9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		
metis	4.0						X																			
scotch	4.0						X																			
libxml2	2.6.27	X	X				X																	X		
elementtree	1.2.6																							X		
cElementTree	1.0.5																							X		
Blsurf****	2.7.12													X												
TetMesh- GHS3D****	4.0										X				X											
TclTk	8.4.14																									

*) Not included into SALOME Installation procedure.

***) Minimal required version.

****) Service pack 1 for OCCT 6.3 fixing some bugs can be also used optionally.

*****) Commercial software, not distributed with the SALOME platform.

Important note: For some platforms Salome uses prerequisites with patches like in RPM and defines specific keys. So if you compile products without Install Wizard we strongly recommend you to check compilation keys using shell files located in *confi_g_files* folder of the Installation Procedure.

Important note: BLSurf, Hexotic, GHS3D and GHS3DPRP (parallel) mesher plug-ins require commercial license for the corresponding Distene meshers to be used within the SALOME platform. Otherwise, the runtime error messages will be raised at the application execution.

SALOME 4.1.4 depends of a number of products for run time execution, others are necessary only for compilation or generation of development documentation (like doxygen for example). Below there is a list of mandatory and optional products.

Salome 4.1.4 software requirements

	Compilation and Development		Execution		Remarks
	Mandatory	Optional	Mandatory	Optional	
gcc	X		X		
Automake	X				
Autoconf	X				
libtool	X				
GNU make	X				
Tcltk					for OCCT compilation from source files only
Python	X		X		
Qt	X		X		
msg2qm	X				
PyQt	X		X		
Boost	X		X		
Swig	X				
OpenCASCADE Technology	X		X		
Qwt	X		X		
OmniORB	X		X		
Hdf	X		X		
Med	X		X		
Vtk	X		X		
Numeric		X			
Graphviz		X			
Doxygen		X			
NETGEN	X				for NETGENPLUGIN mesh plug-in only
docutils		X			
cppunit		X			
mpi		X		X	required only if used during compilation step
openpbs		X		X	required only if used during compilation step
Lsf		X		X	required only if used during compilation step
metis	X		X		
scotch	X		X		
libxml2	X				
elementtree	X				
cElementTree	X				
bisurf	X		X		for BLSURF mesh plug-in only
TetMesh-GHS3D			X		for GHS3D and GHS3DPRL mesh plug-ins only