SALOME 6.3.1
Maintenance release announcement

July 2011

 ## GENERAL INFORMATION

CEA/DEN, EDF R&D and OPEN CASCADE are pleased to announce SALOME version 6.3.1. It is a maintenance release that contains the results of planned bug fixes against SALOME version 6.3.0 released in May 2011.

S A L O M E   P l a t f o r m

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NEW FEATURES AND IMPROVEMENTS

PREREQUISITES CHANGES

The changes of the 3rd-party pre-requisite products, made in SALOME 6.3.1 comparing with SALOME 6.3.0, are listed in the table below.

Product	SALOME 6.3.0	SALOME 6.3.1
Open CASCADE Technology	6.3.0 service pack 12	**6.3.0 service pack 13**
libBatch	1.3.0	**1.3.1**
Distene Blsurf	3.0	**3.0.8[1]**

For additional information about pre-requisite products and SALOME modules dependencies refer to the paragraph "Supported Linux distributions and pre-requisites" below.

LICENSE RESTRICTIONS

- Hereby we explicitly declare that PyQt 4 toolkit (Riverbank Computing Ltd) is distributed under the terms of GPL license.

IMPROVEMENTS

SALOME version 6.3.1 does not include any new improvements and features comparing with SALOME 6.3.0.

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[1] Several bugs in BLSurf 3.0 detected by SALOME application have been fixed by Distene company. These bug fixes are included into updated version of BLSurf meshing library.

■ BUG CORRECTIONS

GUI MODULE (IAPP)

21279	Summary: [CEA 477] SALOME 6 font problem Documentation on the SALOME GUI Theme usage has been improved.
21299	Summary: EDF 1892 GEOM: salome.sg.FitAll() command doesn't work in OCC viewer Fixed regression in SALOMEGUI_Swig Python interface of SALOME GUI module: FitAll() command operates well now in both OCC and VTK viewers.
21306	Summary:EDF 1896 : TUI DumpView command causes Salome to crash Fixed SIGSEGV in dumpView() functionality of OCC viewer, caused by bad dispatching of dump function to the OCC view sub-windows.

KERNEL MODULE

N/A	Summary: Fix a bug which prevented to load any module when the variable USER_CATALOG_RESOURCES_FILE was set on a non-existing file.

GEOM MODULE

21291	Summary: [CEA 480] Bad performance of glue function in 6.3.0 Fixed a hang up of GlueFaces function.
21295	Summary:[CEA 484] Bug when deleting objects Fixed a problem of incorrect objects cashing in GEOM_Client.
IPAL22183	Summary: TC6.2.0: Creation of group with restriction "Only Sub-Shapes of the Second Shape" doesn't work Fixed regression in "Create Group" dialog box, related to the selection of the sub-shapes belonging to the shape different from the main shape.
IPAL22456	Summary: TC6.3.0: main shape disappears after Explode with Select Sub Shapes option The main shape is automatically redisplayed in the viewer after closing "Explode" dialog box.
IPAL22461	Summary: TC6.3.0: Incorrect study storage if study contains shape modified with YACS Problem of the GEOM_I_Superv engine, related to the publishing of the results in the study, has been fixed.
IPAL22604	Summary: Misprints in the Curve Construction dialog Fixed several misprints in the Curve construction dialog box and related documentation.

| IPAL22619 | Summary: Create Group - impossible to select already selected faces not satisfying to Selection restriction

Fixed problem of selection handling in the "Create Group" dialog box. |
|---|---|

SMESH MODULE

| 20749 | Summary: EDF 1291 SMESH : Create 2D Mesh from 3D improvement

"Create boundary elements" function behavior has been modified:
• Allow groups as input type for "2D from 3D".
• In the GUI, group together the "1D from 2D" and "1D from 2D groups" functionality to keep only the "1D from 2D" radio button but allow groups as input type there.
• The "new mesh" and "copy source mesh" options are disabled when the input is a group.
• Sub-meshes are no more allowed as input.
• For the "2D from 3D" case, 1D elements linked to the 2D skin elements in the source mesh are added to the "new mesh" as well. |
|---|---|
| 21270 | Summary: EDF 1870 SMESH: ExtrusionAlongPathObjX + Merge nodes remove 3D elements

In Mesh module, bugs of MergeNodes() and ExtrusionAlongPathObjX() have been fixed. |
| 21274 | Summary: EDF 1872 SMESH: Save in hdf files loses 0D elements in a group

A bug that groups of 0D elements are not stored in the study has been fixed. |
| 21288 | Summary: EDF SMESH: SMESH script crashes Salome

SALOME crash at reading a structured cartesian mesh from a med file by MESH module has been fixed. |
| 21293 | Summary:EDF 1887: Not conformal mesh between 2 boxes with viscous layer

A bug that not symmetrical mesh is generated by "Viscous layers" hypothesis on a symmetrical face has been fixed. |
| 21294 | Summary: EDF 1890 : Problem with groups on geometry when dealing with split into tetrahedral

A bug of association of tetrahedra with shapes during "Split into Tetrahedra" operation has been fixed. |
| 21300 | Summary: EDF SMESH: Smoothing by selecting elements IDs seems not effective

A bug of "Smoothing" operation has been fixed. |
| 21322 | Summary: [CEA] V6.3.1rc2 - problem with med file

Fixed regression - SIGSEGV on the SMESH object highlighting in the VTK viewer. |
| 21323 | Summary: [CEA] V6.3.1rc2 - problem with volumic group creation

Fixed regression - SIGSEGV on the SMESH object highlighting in the VTK viewer. |

IPAL22173	Summary: TC6.2.0: "Netgen1D-2D" algorithm doesn't work on "flight_solid.brep" Fixed regression in NETGEN 1D-2D algorithm (patch for netgen 4.9.13 has been created).
IPAL21957	Summary: Max Element Area does not influence on resulting mesh for Triangle Mefisto Fixed regression in Mefisto 2D algorithm.
IPAL22624	Summary: Segmentation violation during Merge Nodes A bug of "Merge Nodes" operation has been fixed.

VISU MODULE

21277	Summary: EDF 1865 VISU: Scalar map + use only groups + values labelling An additional filter is used to generate points for the value labels. This filter removes the unnecessary points (that don't belong to any cell, including VTK_VERTEX cells), if the field data is defined on nodes.
IPAL22508	Summary: TC6.3.0: Post-Pro Preferences - Values Labeling, Inside Cursor, Outside Cursor are not documented Inside and Outside Cursor functionality are not used in the Post-Pro module at the moment as it is obsolete functionality, therefore "Inside Cursor" and "Outside Cursor" pages have been removed from Post-Pro preferences. Missing "Values Labeling" page has been added to the documentation.
IPAL22511	Summary: TC6.3.0: Post-Pro preferences - Gauss Points: Range valuefor min and Magnification values are decreased by application Fixed problem with rounding of floating point values.
IPAL22513	Summary: TC6.3.0: Post-Pro Preferences - Picking: Used Information Window Transparency value is less than in preferences one Fixed problem with rounding of floating point values.

MED MODULIE

IPAL22473	Summary: TC6.3.0: Application crashes during import poly3D_corr.med Fixed problem of MED wrapper

PARAVIS MODULE

21280	Summary: [CEA 478] Saving trace Bug connected with displaying text in the "Message Window" was fixed.

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21281	Summary: [CEA] SIGSEGV Error when clicking on OnPoint
	Fixed exception in case creation OnPoint presentation.
21282	Summary: [CEA] Help file is missing
	Incorrect warning message shown to the user if Paraview documentation is not found was corrected. The path to the Paraview documentation has been corrected.
21307	Summary: EDF PARAVIS: Mismatch in buttons and windows when switching from a component to PARAVIS and back
	The problem of the bad storing/restoring of the dockable windows and toolbar position and visibility state in PARAVIS module has been solved.
21310	Summary: EDF 1902 PARAVIS: Crash when importing a file med 2.3 in PARAVIS
	Fixed bug of the VtkReader plug-in.

BLSURFPLUGIN MODULE

21086	Summary:EDF 1686 GEOM: Bad triangle in a BLSURF + GHS3D mesh after converting to quadratic
	Fixed regressions of the convert to quadratic function for meshes generated by BLSurf plug-in.
21286	Summary: EDF 1876 BLSURFPLUGIN: Intersecting elements are created using BlSurf as algo
	Fixed problem of processing internal edges by BLSurf meshing algorithm (patch has been created by Distene).

YACS MODULE

| 21261 | Summary: SIGSEGV in trying to cancel a close of SALOME whith an unsaved schema |
| 21315 | Summary: SIGSEGV when cancel a save schema on exit |

JOBMANAGER MODULE

| EDF1909 | Summary: Print correct status when job status changes |

INSTALLATION PROCEDURE

| 21301 | Summary: [CEA 483] InstallWizard does not generate csh shell properly |
| | Fixed regression in environment files generation procedure causing bad csh env files creation. |

OTHER BUG FIXES

21240	Summary:EDF OTHER: Impossible to go back to gui documentation after going to tui one For TUI pages of the Geometry, Mesh and Post-Pro modules user documentation a n additional "Home" link has been added allowing the user to get back to the main page.
IPAL22509	Summary: TC6.3.0: Names from med are partially lost The fra.med sample file has been re-converted to the med 3.0 format.

PROCESSED AND ANSWERED QUERIES

21287	Summary EDF GEOM: Build face crashes salome on a non smooth wire
21296	Summary: [CEA] Problem with filter

CASCADE 6.3 SERVICE PACK 13 CONTENTS

This chapter lists all the bug corrections and improvements included to the Open CASCADE Technology 6.3.0 service pack 13.

OCC22296	Summary: The algorithm BRepSweep_MakeRevol produce non-licit toroidal based face. The fix solves the problem detected by SALOME non-regression test case geom/partition_EDF/B9 The creation of pure toroidal surface from the surface of revolution is brought in correspondence with the definition of toroidal surface done in Geom_ToroidalSurface.cdl.
OCC22310	Summary: Boolean operation common fails. Referenced by issue 0021128 EDF 1732 GEOM: MakeCommon fails. The treatment of intersection between two faces is changed by taking into account the existence of "stick" vertices, obtained from the interferences of lower class.
OCC22356	Summary: The result of fuse is not valid for two straight edges. The fix solves the problem detected by SALOME non-regression test case geom/partition_CEA/A8.
OCC22361	Summary: Incorrect result of BRepOffsetAPI_MakePipeShell algorithm: it tries to build conical surface between two non-coaxial circles Referenced by issue 0021067: EDF 1625 GEOM: Extrusion of a 2d object with a scale factor. New field "myTrsfs" was added to classes BRepFill_NSections and GeomFill_NSections to keep information about original disposition of sections.

OCC22409	Summary: Boolean operation cut fails. Referenced by issue 0019957: EDF 785 SMESH: Convert Quadratic and Group on GEOM
OCC22421	Summary: The bug is appendix to the Salome test case: PARTITION / B7 The fix solves the problem detected by SALOME non-regression test case geom/partition/B7.
OCC22428	Summary: The shape is valid on Linux but non-valid on Windows The fix solves the problem detected by SALOME non-regression test case geom/partition/S2. The fix is to prevent the sacrifice of accuracy of floating-point arithmetic (provided by ANSI/IEEE Std 754-1985) for ellipse and cone.
OCC22436	Summary: Extra compound is created when importing non-manifold topology from STEP file Referenced by issue 0020442: EDF 1087 GEOM: IGES format
OCC22489	Summary: BRepClass3d_SolidClassifier::PerformInfinitePoint() gives wrong result on the given solid. Referenced by issue 0021085: EDF 1491 GEOM: Badly shaped solid.
OCC22492	Summary: Scaled sphere (Solid with BSplineSurface) is wrongly exported in STEP. Referenced by issue 0021260: [CEA 470] Problem of Export STEP. Processing of VERTEX_LOOP STEP entity modified to be applicable not only for spherical surfaces but for b-spline surfaces as well.

S A L O M E   P l a t f o r m

SALOME Platform

▣ SUPPORTED LINUX DISTRIBUTIONS AND PRE-REQUISITES

SALOME 6.3.1 supports Linux Debian 4.0 Etch 32bit and 64bit, Debian 5.0 Lenny 64bit, Debian Squeeze 6.0 64bit, Mandriva 2008 32bit and 64bit, Mandriva 2010 32bit and 64bit, Red Hat Enterprise 4.0 64bit and Scientific Linux 5.1 64bit. SALOME 6.3.1 version has been mainly tested with the following pre-requisite list on Mandriva 2010 32bit and Debian 4.0 Etch 64bit platforms.

SALOME 6.3.1 comes with the same prerequisites versions on all supported platforms (with some exceptions). 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	YACS	PARAVIS	HOMARD	HEXABLOCK	NETGENPLUGIN	GHS3DPLUGIN	GHS3DPRLPLUGIN	BLSURFPLUGIN	HexoticPLUGIN	HEXABLOCKPLUGIN
gcc*	4.2**	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
autoconf*	2.59**	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
GNU make*	3.80**	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
cmake	2.8.4								X								
Python	2.6.6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Qt	*4.6.3*	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sip	4.10.2	X			X												
PyQt	4.7.3	X			X												
Boost	1.46.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Swig	1.3.40	X	X	X	X	X	X			X		X	X	X	X	X	X
OCCT	6.3 sp13	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Qwt	5.2.1	X			X												
QScintilla	2.4.3								X								
OmniORB / OmniORBpy / omniNotify	4.1.5 / 3.5 / 2.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hdf5	1.8.4	X	X	X	X	X	X		X	X		X	X	X	X	X	X
Med	3.0.3				X	X	X		X	X		X			X		
Vtk	5.8.0	X		X	X	X	X		X		X	X	X	X	X	X	X
numpy	1.5.1		X														
lapack	3.3.0		X														
graphviz	2.26.3	X	X	X	X	X	X	X				X	X	X	X	X	
Doxygen	1.7.3	X	X	X	X	X	X	X				X	X	X	X	X	X
NETGEN	4.9.13											X					
docutils	0.7.0	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
metis	4.0							X									
scotch	5.1.11							X									
libxml2	2.7.8	X	X				X	X									
blsurf	3.0.8														X		
TetMesh-GHS3D	4.1 + 4.2												X	X			
tcl/tk	8.4.14***																
sphinx	1.0.7		X	X	X			X		X	X						
expat	2.0.1							X									
libBatch	1.3.1		X														
jinja	2.5.5***																
pygments	1.4***																
Setuptools	0.6c11***																
ParaView	3.10.1								X								
Homard	10.1																

	Version	RANDOMIZER	SIERPINSKY	PYCALCULATOR	COMPONENT	CALCULATOR	HELLO	PYHELLO	LIGHT	PYLIGHT	ATOMIC	ATOMGEN	ATOMSOLV	HXX2SALOME	YACSGEN	JOBMANAGER
gcc*	4.2**	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
autoconf*	2.59**	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
GNU make*	3.80**	X	X	X	X	X	X	X	X	X	X	X	X	X		X
cmake	2.8.4															
Python	2.6.6	X	X	X	X	X	X	X	X	X	X	X	X		X	X
Qt	*4.6.3*		X		X	X	X	X	X		X	X	X	X		X
Sip	4.10.2				X								X			
PyQt	4.7.3				X					X			X			
Boost	1.46.1		X			X	X						X			X
Swig	1.3.40		X		X	X										
OCCT	6.3 sp13		X		X	X	X		X		X		X			
Qwt	5.2.1				X											
QScintilla	2.4.3															
OmniORB OmniORBpy omniNotify	4.1.5 3.5 2.1	X	X	X	X	X	X	X				X	X			X
Hdf5	1.8.4		X		X	X			X		X					
Med	3.0.3		X	X	X	X										
Vtk	5.8.0		X		X				X	X	X		X			
numpy	1.5.1															
lapack	3.3.0															
graphviz	2.26.3	X	X	X	X		X	X				X				
Doxygen	1.7.3	X	X	X	X		X	X				X				
NETGEN	4.9.13															
docutils	0.7.0															
metis	4.0															
scotch	5.1.11															
libxml2	2.7.8															
blsurf	3.0.8															
TetMesh-GHS3D	4.1 + 4.2															
tcl/tk	8.4.14***															
sphinx	1.0.7															X
expat	2.0.1															
libBatch	1.3.1															
jinja	2.5.5***															
pygments	1.4***															
Setuptools	0.6c11***															
ParaView	3.10.1															
Homard	10.1															

*)   Not included into SALOME Installation procedure
**)   Minimal required version
***)   Required to build other pre-requisite(s) only

NOTE: For some platforms SALOME uses prerequisites with patches like in RPM and defines specific keys. If you compile products without the Install Wizard we strongly recommend you to check compilation keys using shell files located in `config_files` folder of the Installation Procedure.

SALOME 6.3.1 depends on 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.

Software Requirements

	Compilation and Development		Execution		Remarks
	Mandatory	Optional	Mandatory	Optional	
gcc	X		X		
Automake	X				
Autoconf	X				
libtool	X				
GNU make	X				
cmake	X				for PARAVIS and LIBBATCH only
Tcl/tk					for OCCT compilation from source files only
Python	X		X		
Qt	X		X		
sip	X				
PyQt	X		X		
Boost	X		X		
Swig	X				
OCCT	X		X		
Qwt	X		X		
QScintilla		X		X	
OmniORB	X		X		
Hdf	X		X		
Med	X		X		
Vtk	X		X		
numpy/lapack		X			
graphviz	X				
Doxygen	X				
NETGEN	X		X		for NETGENPLUGIN mesh plug-in only
docutils		X			for KERNEL and YACS documentation only
cppunit		X			
mpi		X		X	required only if used at compilation step
openpbs		X		X	required only if used at compilation step
Lsf		X		X	required only if used at compilation step
metis		X		X	required only if used at compilation step
scotch		X		X	required only if used at compilation step
libxml2	X		X		
blsurf	X		X		for BLSURFPLUGIN mesh plug-in only
TetMesh-GHS3D	X		X		for GHS3DPLUGIN mesh plug-in only
sphinx		X			
expat	X		X		For YACS only
libBatch		X		X	required only if used at compilation step
jinja					to build Sphinx only
pygments					to build Sphinx only
setuptools					to build Sphinx only
ParaView	X		X		for PARAVIS module only
Homard		X	X		for HOMARD module only

HOW TO INSTALL AND BUILD SALOME

Please follow README file from Installation Wizard for processing correctly installation of SALOME and all prerequisites.

If you would like to compile SALOME from scratch, please use `build.csh` or `build.sh` script delivered with the Installation Wizard. Call "`build.sh -h`" to see available options of this script.

SALOME SYSTEM REQUIREMENTS

Minimal Configuration:

- Processor: Pentium IV.
- 512 Mb RAM.
- Hard Drive Space: 1.5 Gb.
- Video card 64mb.
- CD/DVD

Optimal Configuration:

- Processor: Dual Core.
- 2 Gb RAM.
- Hard Drive Space: 5Gb.
- 2Gb Swap.
- Video card 128mb.
- CD/DVD

HOW TO GET THE VERSION AND PRE-REQUISITES

SALOME 6.3.1 pre-compiled binaries for Linux Mandriva 2008 (32bit and 64bit), Mandriva 2010 (32bit and 64bit), Debian 4.0 Etch (32bit and 64bit), Debian 5.0 Lenny 64bit, Debian 6.0 Squeeze 64bit, Red Hat Enterprise 4.0 64bit and Scientific Linux 5.1 64bit can be retrieved from the ftp://ftp.opencascade.com repository or from the SALOME web site http://www.salome-platform.org.

The SALOME Installation procedure includes SALOME modules sources, and it is possible to build sources from scratch using `build.sh` or `build.sch` script coming with installation procedure.

SALOME Installation procedure includes a patch for NETGEN which is placed inside NETGENPLUGIN modules sources. This patch is used for all platforms to fix several bugs of NETGEN. During the compilation on NETGEN from sources by the SALOME Installation Wizard, the patch is applied automatically to the standard NETGEN distribution. You can download NETGEN 4.9.13 from its official site using the following link: http://www.hpfem.jku.at/netgen.

All other pre-requisites can be obtained either from your Linux distribution (please be sure to use a compatible version) or from the distributors of these pre-requisites (for example, http://qt.nokia.com for Qt). Note, that for some of pre-requisite products SALOME Installation procedure also includes patches that fix the problems detected by SALOME.

KNOWN PROBLEMS AND LIMITATIONS

- The following modules have not been migrated to Qt series 4 and thus are not included into SALOME 6.3.1 release: FILTER, SUPERV, MULTIPR. These modules are considered obsolete and not supported anymore.

- Application crash might occur on the data publication in the study if both data server and CPP container are running in the standalone mode.

- On some platforms default font settings used in SALOME might cause the bad application look-n-feel. This problem can be solved by changing of the font settings using the `qtconfig` utility included into the distribution of Qt 4.

- The following limitations refer to BLSURF plug-in:
  - Mesh contains inverted elements, if it is based on a shape, consisting of more than one face (box, cone, torus...) and if the option "Allow Quadrangles (Test)" has been checked before computation.
  - SIGFPE exception is raised after trying to compute a mesh based on a box with "Patch independent" option checked.
  - It has been found out that BLSURF algorithm can't be used as a local algorithm (on sub-meshes) and as a provider of low-level mesh for some 3D algorithms because BLSURF mesher (and, consequently, the plug-in) does not provide information on node parameters on edges (U) and faces (U, V). For example, the following combinations are impossible:
    - global MEFISTO or Quadrangle(mapping) + local BLSURF;
    - BLSUFR + Projection 2D from faces meshed by BLSURF;
    - local BLSURF + Extrusion 3D.

- Sometimes regression test bases give unstable results; in this case the testing should be restarted.

- A native VTK can be used only after manual recompilation with the GL2PS component.

- NETGEN 1D-2D and 1D-2D-3D algorithm do not require definition of 2D and 1D algorithms and hypotheses for both mesh and sub-mesh. 2D and 1D algorithms and hypotheses defined with NETGEN 1D-2D or 1D-2D-3D algorithm will be ignored during calculation.

- SALOME supports reading of documents from earlier versions but the documents created in the new version may not open in earlier ones.

- If SALOME modules are not installed in a single folder, SALOME may not work in the CSH shell since the environment variables are too long by default. In this case, it is suggested to use SH or to install all modules in the same folder.

- During the compilation of OCT 6.x by Makefiles on a station with NVIDIA video card you can experience problems because the installation procedure of NVIDIA video driver removes library `libGL.so` included in package `libMesaGL` from directory `/usr/X11R6/lib` and places this library `libGL.so` in directory `/usr/lib`. However, `libtool` expects to find the library in directory `/usr/X11R6/lib`, which causes compilation failure (See `/usr/X11R6/lib/libGLU.la`). We suggest making symbolic links in that case using the following commands:

      ln -s /usr/lib/libGL.so /usr/X11R6/lib/libGL.so

      ln -s /usr/lib/libGL.la /usr/X11R6/lib/libGL.la

- VISU module does not support timestamps defined on the same field but on different meshes

- Stream lines presentation can not be built on some MED fields due to limitations in VTK.

- MEFISTO algorithm sometimes produces different results on different platforms.

- In some cases the number of triangles generated by MEFISTO may be different at each attempt of building the mesh.

- For the current moment, because of architecture limitations of the ParaView application, the PARAVIS module has the following known limitations:

  o PARAVIS is a "singleton" module: that means that it can be used within one study only. As soon as the user activates the PARAVIS in some study, this module becomes unavailable in other studies.

  o PARAVIS module works unstably using the remote connection; when SALOME is running on remote computer, activation of PARAVIS module can sometimes lead to the application hang-up.

SALOME Platform