

PROBLEM SALOME MECA CLOSED AND I CAN NOT USE MY NVIDIA CARD

WHERE DO I DOWNLOAD SALOME MECA FILE

<https://code-aster.org/spip.php?article303>

WHICH VERSION I DOWNLOADED

<u>Title</u>	<u>Version</u>	<u>Date</u>	<u>Size</u>	<u>Licence</u>	<u>sha1 / md5</u>
salome_meca-lgpl-2024.1.0-1-20240327	Scibia n11 Singul arity contain er	2025, Januar y 9th	5.3 Go	LGPL	a4df42c124f57fdb404e40c686d00fa4a1569365

WHERE DO I DOWNLOAD APPTAINER INSTALLATION

<https://apptainer.org/docs/admin/main/installation.html#install-rpm-from-epel-or-fedora>

Install Ubuntu packages

Pre-built Ubuntu packages are available on PPA (Personal Package Archive) for the amd64 and arm64 architectures on all current Ubuntu releases.

First, on Ubuntu based containers install *software-properties-common* package to obtain *add-apt-repository* command. On Ubuntu Desktop/Server derived systems skip this step.

```
$ sudo apt update
$ sudo apt install -y software-properties-common
```

MY VERSION OF UBUNTU INSTALLATION

```
gas@gastp:~$ cat /etc/os-release
PRETTY_NAME="Ubuntu 24.04.2 LTS"
NAME="Ubuntu"
VERSION_ID="24.04"
VERSION="24.04.2 LTS (Noble Numbat)"
VERSION_CODENAME=noble
ID=ubuntu
ID_LIKE=debian
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
UBUNTU_CODENAME=noble
LOGO=ubuntu-logo.
```

My laptop specs

.VIDEO CARD NVIDIA Corporation GA107GLM [RTX A2000 Mobile] 4GB VRAM

.Ram 32gb

.Lenovo p15 gen3

PROCESSOR:

Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Address sizes: 46 bits physical, 48 bits virtual
Byte Order: Little Endian
CPU(s): 20
On-line CPU(s) list: 0-19
Vendor ID: GenuineIntel
Model name: 12th Gen Intel(R) Core(TM) i7-12800H
CPU family: 6
Model: 154
Thread(s) per core: 2
Core(s) per socket: 14
Socket(s): 1

ERRORS

1. As soon execute the command to open salome meca:

```
gas@gastp:~$ apptainer run /home/gas/Downloads/salome_meca-lgpl-2024.1.0-1-20240327-scibian-11.sif
```

```
INFO: /etc/singularity/ exists; cleanup by system administrator is not complete (see  
https://apptainer.org/docs/admin/latest/singularity\_migration.html)
```

```
+ running salome_meca in software rendering mode
```

```
++ using container salome_meca-lgpl-2024.1.0-1-20240327-scibian-11.sif
```

```
++ using software rendering mode (should use `mesa_salome` starter)
```

```
(SALOME_Session_Server_No_Server:33278): dbind-WARNING **: 02:49:50.407: Couldn't  
connect to accessibility bus: Failed to connect to socket /run/user/1000/at-spi/bus_0: Aucun fichier  
ou dossier de ce type
```

```
Error creating proxy: Impossible de se connecter : Aucun fichier ou dossier de ce type (g-io-error-  
quark, 1)
```

```
Error creating proxy: Impossible de se connecter : Aucun fichier ou dossier de ce type (g-io-error-  
quark, 1)
```

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Error creating proxy: Impossible de se connecter : Aucun fichier ou dossier de ce type (g-io-error-  
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```

```
Error creating proxy: Impossible de se connecter : Aucun fichier ou dossier de ce type (g-io-error-  
quark, 1)
```

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 02:50:03.141: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 02:50:03.141: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 02:50:03.141: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 02:50:03.141: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_zcracks-32101/plugin/Zcracks/zcracks_plugin.py:26: SyntaxWarning: "is not" with a literal. Did you mean "!="?

if command is not "":

SalomeApp_Engine_i::Load() isMultiFile = 0

AsterStudy: mar.-03-02:51:01.051 Opening AsterStudy JSON file...

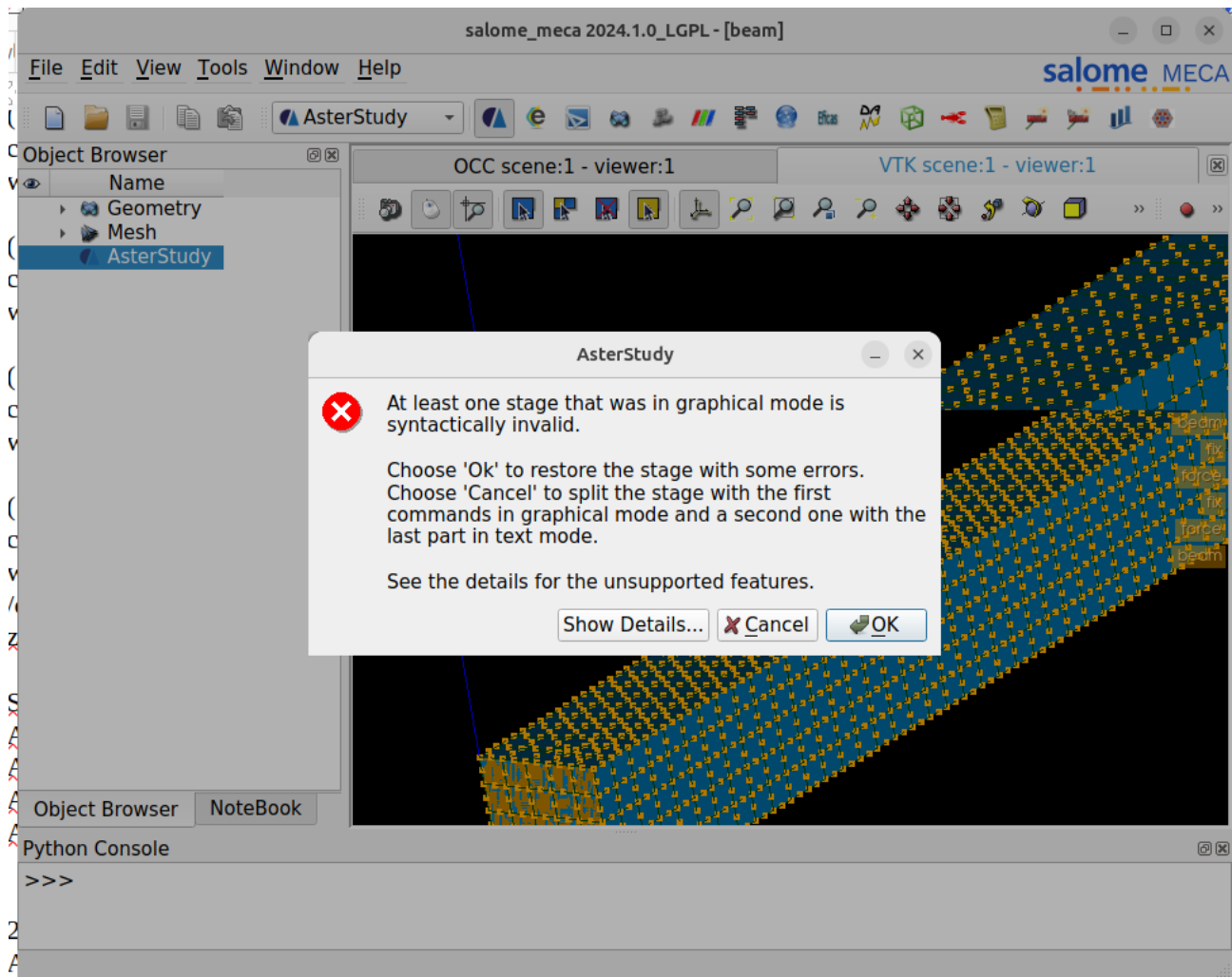
AsterStudy: mar.-03-02:51:01.052 Use version 'stable' (16.7.0)

AsterStudy: mar.-03-02:51:01.052 loading case 'CurrentCase' (1/1)...

AsterStudy: mar.-03-02:51:01.052 loading stages...

2. When I try to execute

Aster study:



3. If I press the show details button of this windows message, It says:

KeyError: 'Keyword RESU is mandatory', near the line 15: 'IMPR_RESU ()'

Traceback (most recent call last):

File

"/opt/salome_meca/V2024.1.0_scibian_univ/modules/ASTERSTUDY_202410/lib/python3.9/site-packages/asterstudy/datamodel/comm2study.py", line 343, in convert
exec(text, self._exec_ctxt) # pragma pylint: disable=exec-used

File "<string>", line 15, in <module>

File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxObjects.py", line 747, in __call__

return Command._call_callback(self, **args)

File

"/opt/salome_meca/V2024.1.0_scibian_univ/modules/ASTERSTUDY_202410/lib/python3.9/site-packages/asterstudy/datamodel/comm2study.py", line 157, in _exec_command
result = ascommand.call_default(__strict__=self._strict, **tmp)

```

File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-
9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxObjects.py", line
729, in call_default
checkCommandSyntax(self, args)
File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-
9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxChecker.py", line
485, in checkCommandSyntax
command.accept(checker, keywords)
File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-
9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxObjects.py", line
718, in accept
visitor.visitCommand(self, syntax)
File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-
9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxChecker.py", line
199, in visitCommand
self._visitComposite(step, userDict)
File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-
9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxChecker.py", line
425, in _visitComposite
step.checkMandatory(userOcc, self._stack, ctxt)
File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-
9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxObjects.py", line
475, in checkMandatory
kwd.checkMandatory(userSyntax, stack, ctxt)
File "/opt/salome_meca/V2024.1.0_scibian_univ/prerequisites/Cea_archive-
9120/../../tools/Code_aster_stable-1670/lib/aster/code_aster/Cata/Language/SyntaxObjects.py", line
472, in checkMandatory
raise KeyError("Keyword {0} is mandatory".format(key))
KeyError: 'Keyword RESU is mandatory'

```

4. If I press ok:

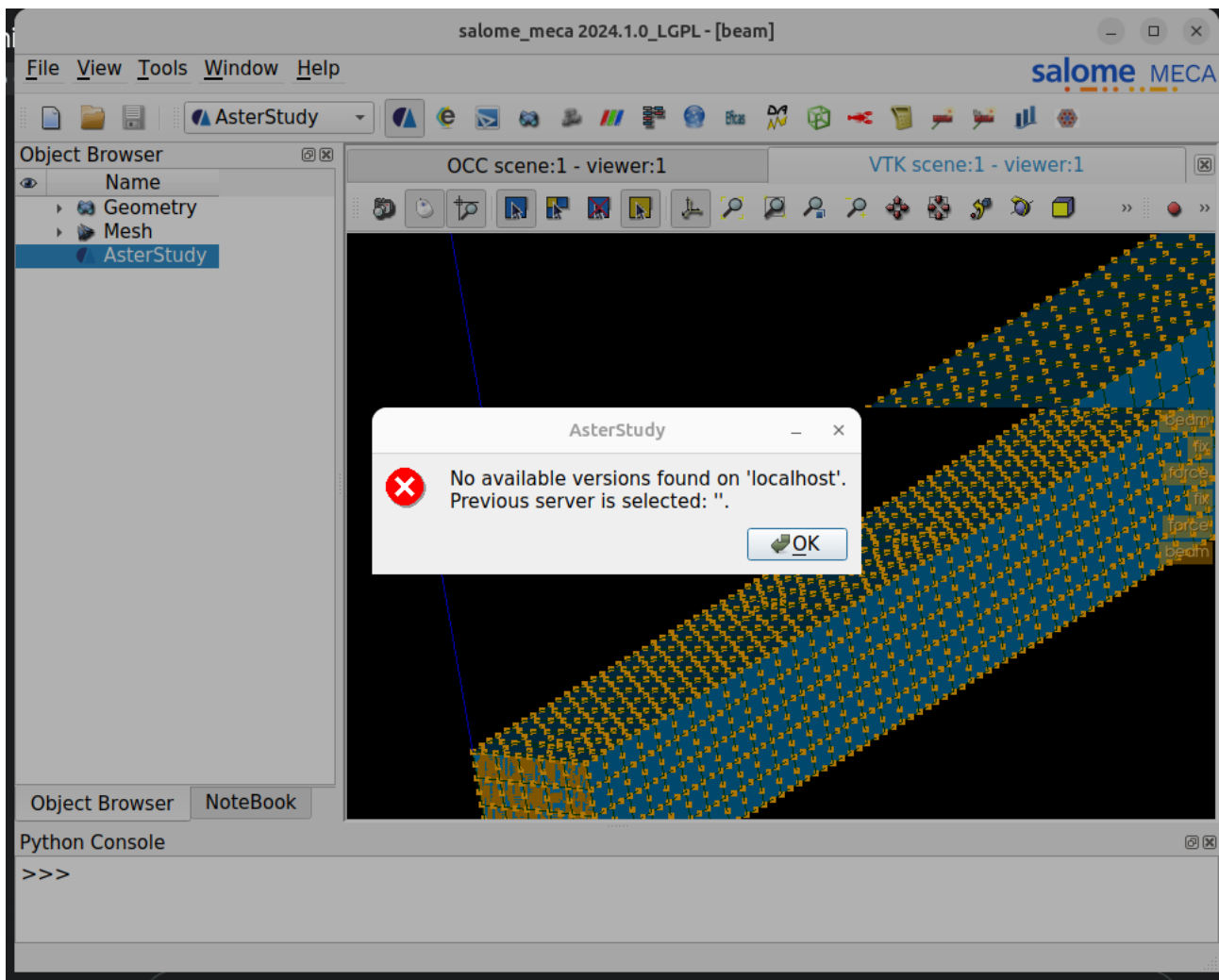
In console appears:

```

SalomeApp_Engine_i::Load() isMultiFile = 0
AsterStudy: mar.-03-02:51:01.051 Opening AsterStudy JSON file...
AsterStudy: mar.-03-02:51:01.052 Use version 'stable' (16.7.0)
AsterStudy: mar.-03-02:51:01.052 loading case 'CurrentCase' (1/1)...
AsterStudy: mar.-03-02:51:01.052 loading stages...
AsterStudy: mar.-03-02:55:11.296 Use version 'stable' (16.7.0)
AsterStudy: mar.-03-02:55:11.296 loading case 'CurrentCase' (1/1)...
AsterStudy: mar.-03-02:55:11.297 loading stages...
AsterStudy: mar.-03-02:55:11.314 case 'CurrentCase' loaded
AsterStudy: mar.-03-02:55:11.512 JSON file reloaded
AsterStudy: mar.-03-02:55:11.512 AsterStudy is activating...
AsterStudy: mar.-03-02:55:11.512 Creating workspace...
AsterStudy: mar.-03-02:55:11.546 Refreshing configuration on localhost...

```

5. in salome appears:

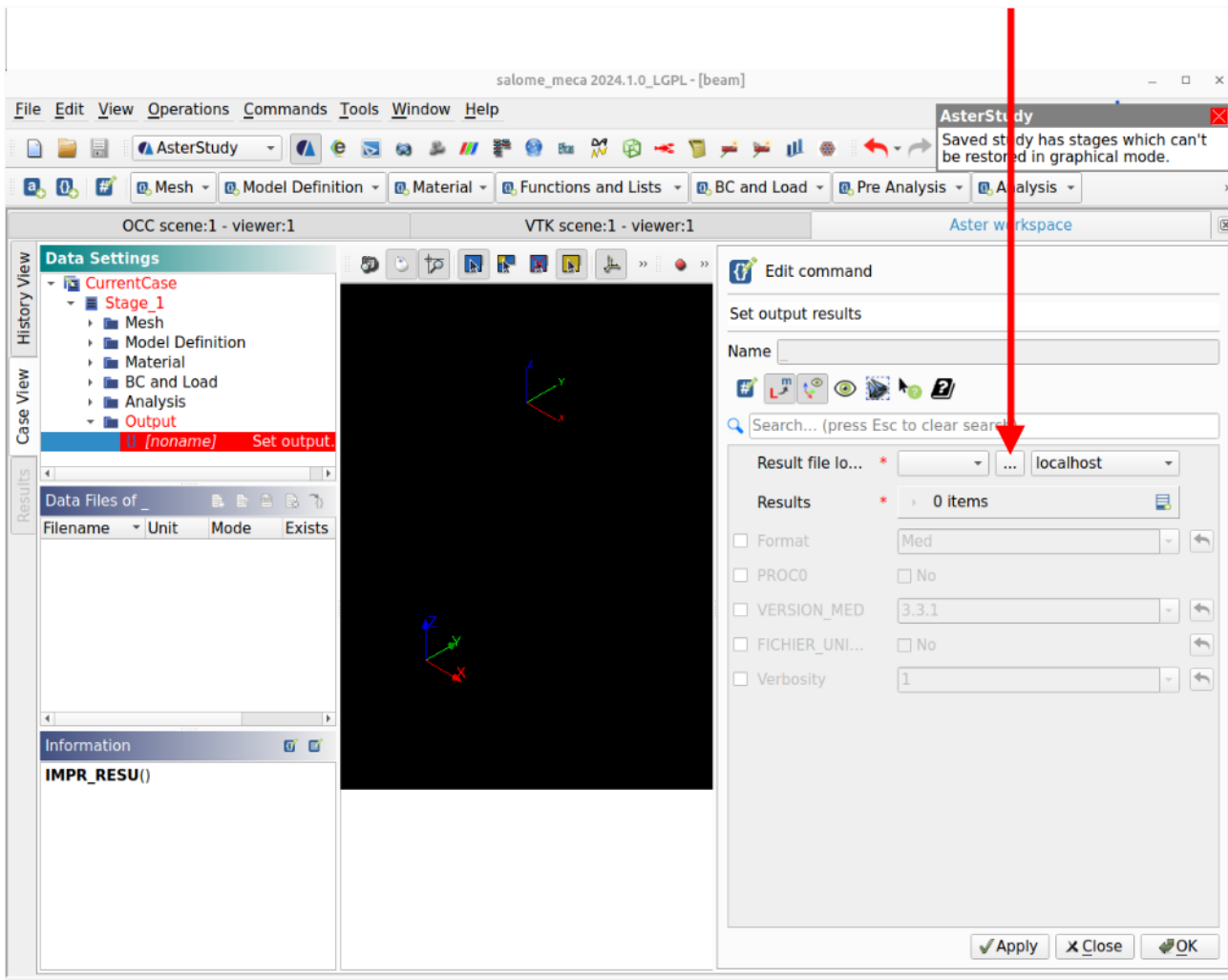


then I press ok.

6. When I try to create the study in console appears

```
AsterStudy: mar.-03-02:56:08.866 saving case 1-CurrentCase...
AsterStudy: mar.-03-02:56:33.310 workspace is ready.
AsterStudy: mar.-03-02:56:33.334 Mounting filesystems for cronos...
AsterStudy: mar.-03-02:56:33.439 Mounting sftp://gas@cronos.hpc.edf.fr/scratch/gas/ filesystem:
failed
AsterStudy: mar.-03-02:56:33.439 g-io-error-quark: le volume n'implémente pas le montage (15)
AsterStudy: mar.-03-02:56:33.439 Mounting sftp://gas@cronos.hpc.edf.fr/home/gas/ filesystem:
failed
AsterStudy: mar.-03-02:56:33.439 g-io-error-quark: le volume n'implémente pas le montage (15)
AsterStudy: mar.-03-02:56:33.440 Mounting filesystems for gaia...
AsterStudy: mar.-03-02:56:33.441 Mounting sftp://gas@gaia.hpc.edf.fr/scratch/gas/ filesystem:
failed
AsterStudy: mar.-03-02:56:33.441 g-io-error-quark: le volume n'implémente pas le montage (15)
AsterStudy: mar.-03-02:56:33.441 Mounting sftp://gas@gaia.hpc.edf.fr/home/gas/ filesystem: failed
AsterStudy: mar.-03-02:56:33.441 g-io-error-quark: le volume n'implémente pas le montage (15)
AsterStudy: mar.-03-02:56:33.784 AsterStudy activated
```

7. And as son I press this button to save the file :



8. sadly salome close itself and in console appears this message:

Error creating proxy: Impossible de se connecter : Aucun fichier ou dossier de ce type (g-io-error-quark, 1)

Error creating proxy: Impossible de se connecter : Aucun fichier ou dossier de ce type (g-io-error-quark, 1)

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Error creating proxy: Impossible de se connecter : Aucun fichier ou dossier de ce type (g-io-error-quark, 1)

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.486: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.486: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.566: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.568: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.568: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.569: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.569: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.569: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.569: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.569: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.569: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

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(SALOME_Session_Server_No_Server:33278): dconf-CRITICAL **: 03:03:16.569: unable to create directory '/run/user/1000/dconf': Système de fichiers accessible en lecture seulement. dconf will not work properly.

gas@gastp:~\$