

オープンCAE勉強会@富山 第12回 報告

～SalomeのHexaBlockについて～

秋山善克

Salomeとは

- <http://www.salome-platform.org/>

>>> What is SALOME?

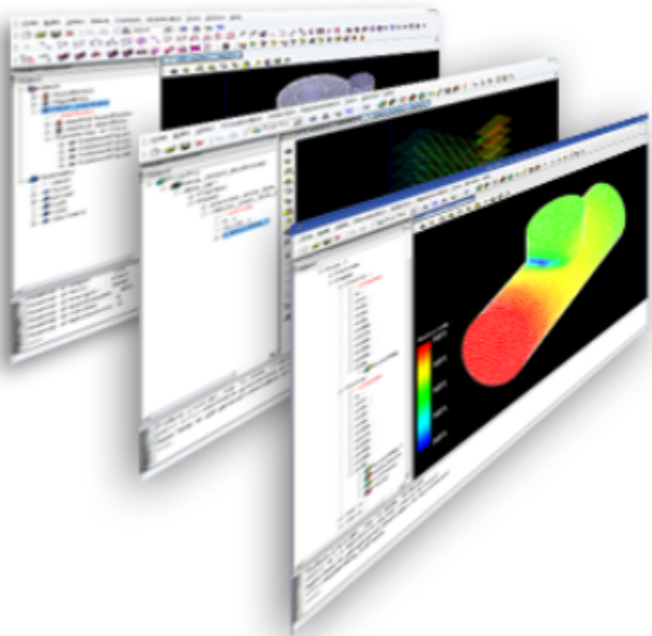
SALOME is an open-source software that provides a generic platform for Pre- and Post-Processing for numerical simulation. It is based on an open and flexible architecture made of reusable components.

SALOME is a cross-platform solution. It is distributed as open-source software under the terms of the GNU LGPL license. You can download both the source code and the executables from this site.

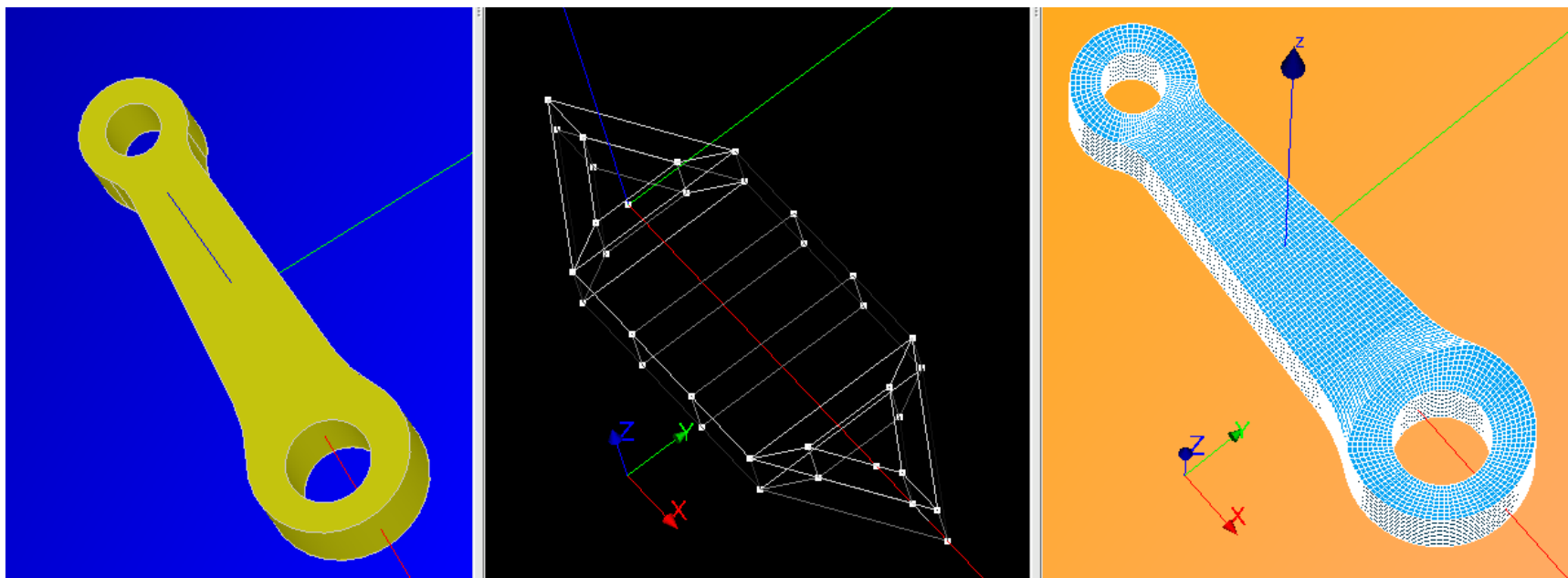
>>> How SALOME can be used?

SALOME can be used as **standalone application** for generation of CAD models, their preparation for numerical calculations and post-processing of the calculation results.

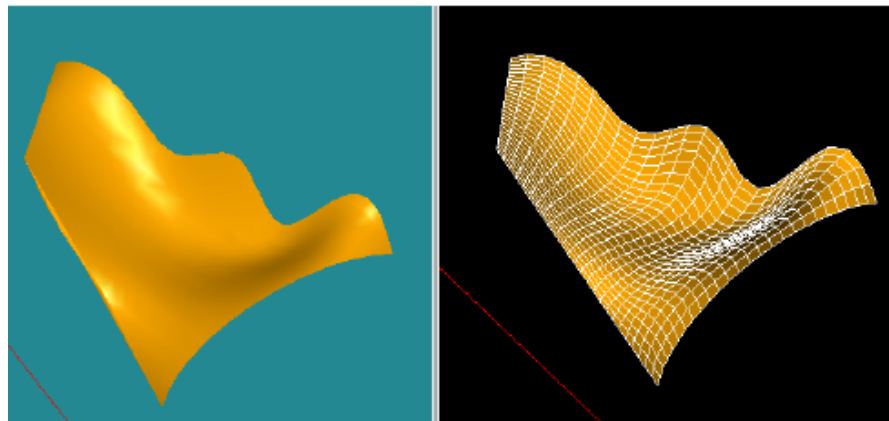
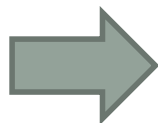
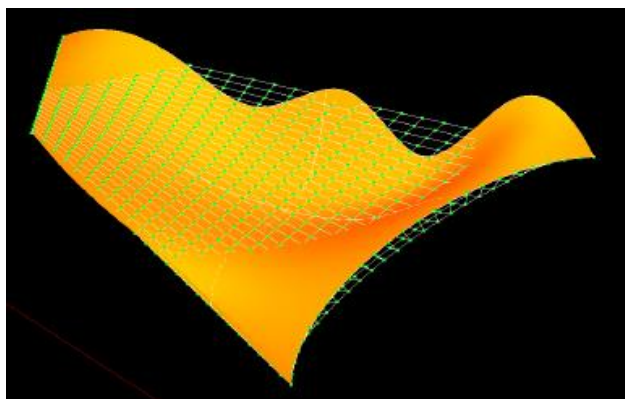
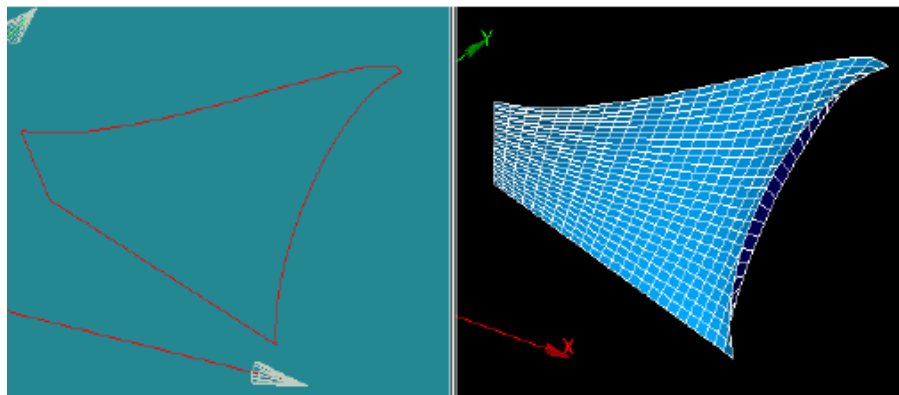
SALOME can also be used as a **platform for integration** of the external third-party numerical codes to produce a new application for the full life-cycle management of CAD models.



HEXABLOCK's documentationより



メッシュ作成方法

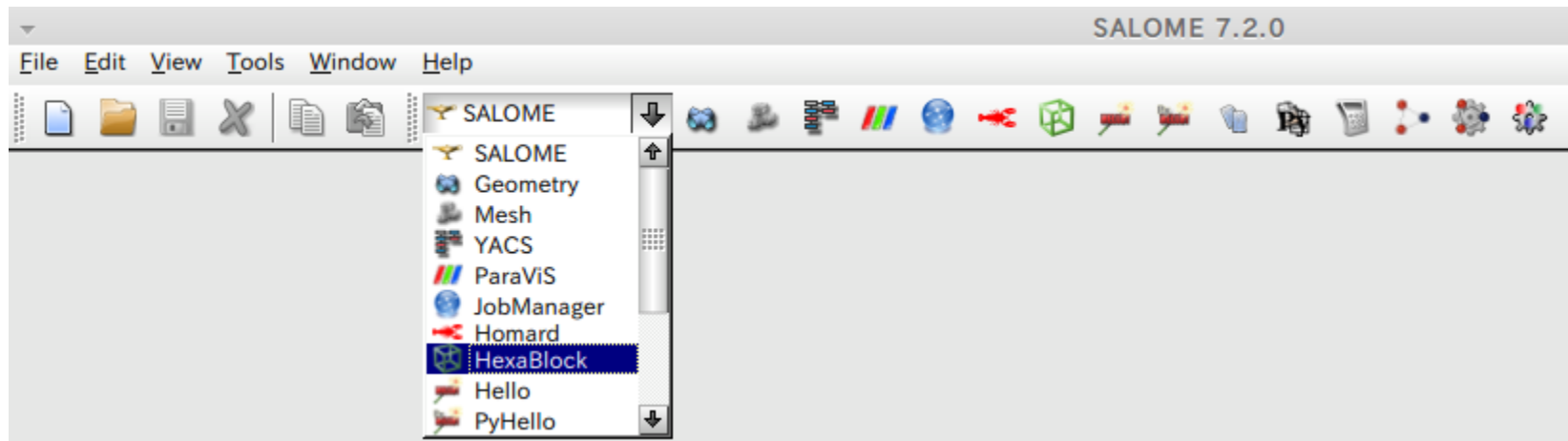


Salome7.2.0インストール及び実行方法

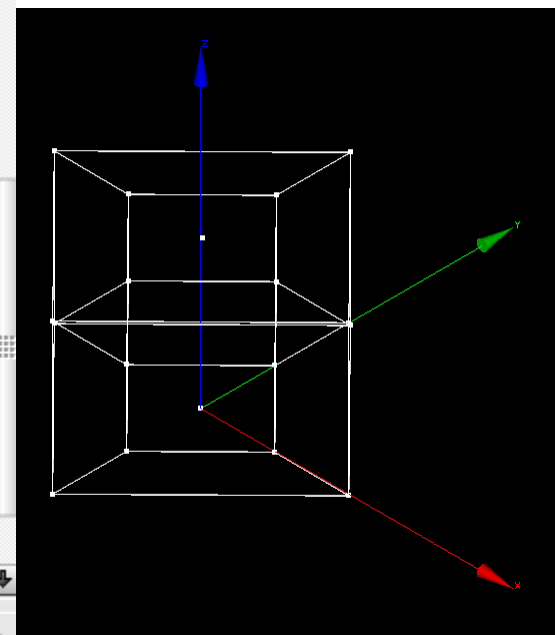
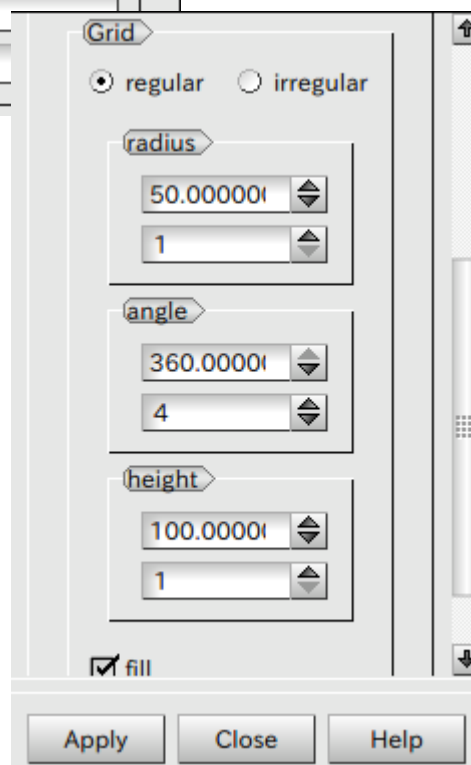
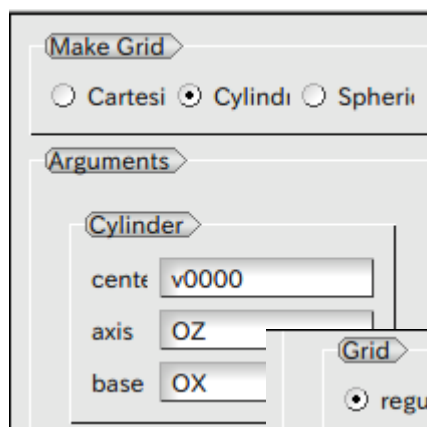
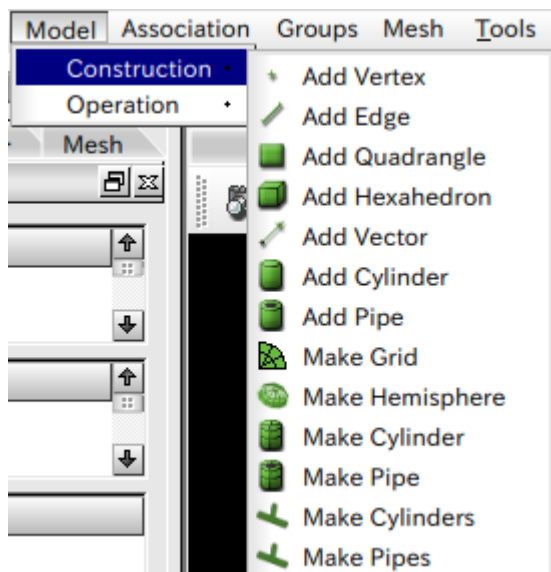
- <http://www.salome-platform.org/>
- Universal binaries for Linuxをダウンロード
- Salome-V7_2_0-LGPL-x86_64.runを実行
- フォルダを指定する(デフォルトは、
/home/username/salome)
- 英語かフランス語を選択する
- インストール後SalomeV7_2_0が作成される

- Salome7.2.0実行方法
- ディスクトップのSalomeV7_2_0をダブルクリック

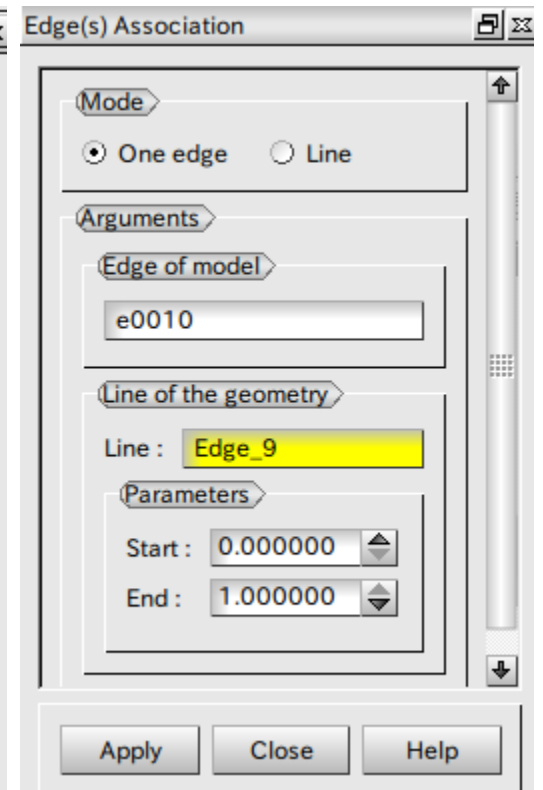
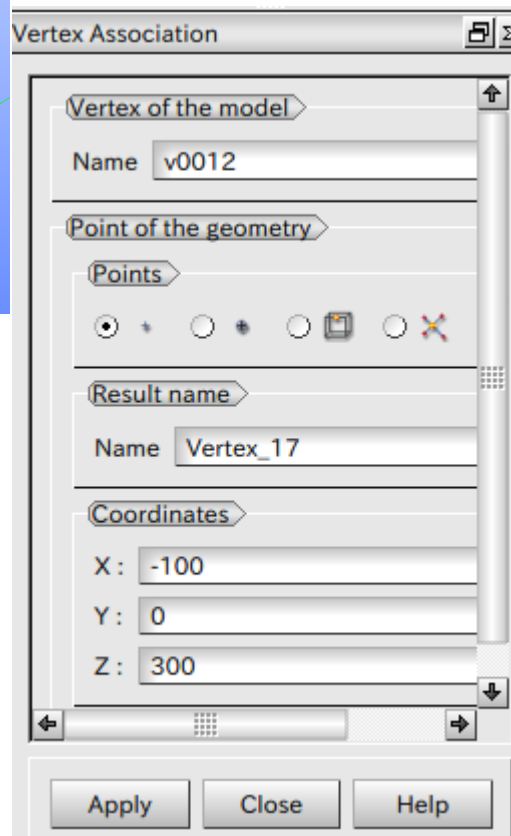
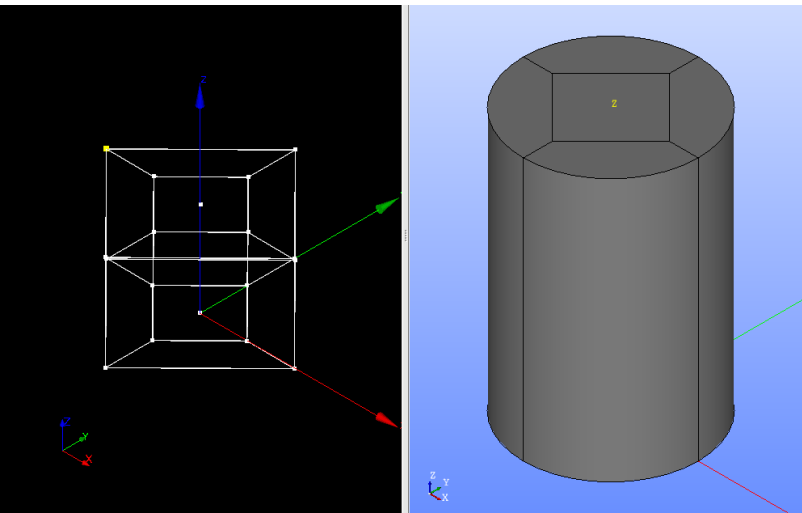
HexaBlockを使う



Vertex、Vector、Gridの作成



Vertex, Edgeの関連付け



分割数の指定、割り当て、メッシュの作成

