

# オープンCAE勉強会@富山 第12回 報告

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～SalomeのHexaBlockについて～

秋山善克

# Salomeとは

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

## >> What is SALOME?

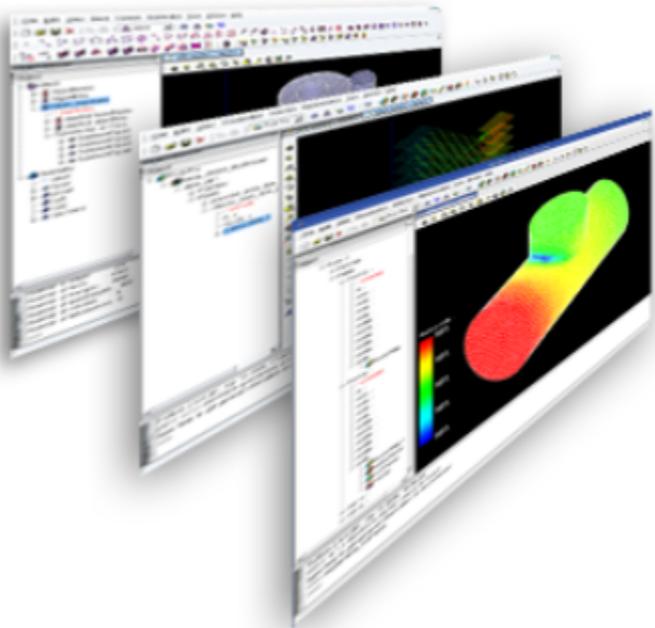
**SALOME is an open-source software** that provides a generic platform for Pre- and Post-Processing for numerical simulation. It is based on an open and flexible architecture made of reusable components.

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.

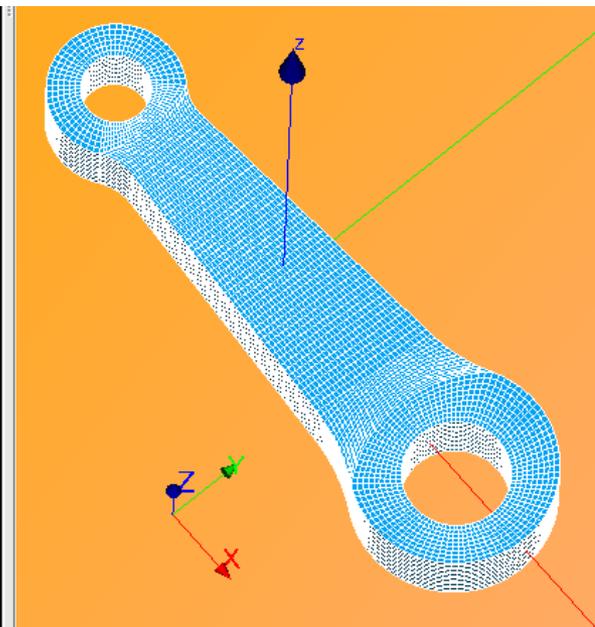
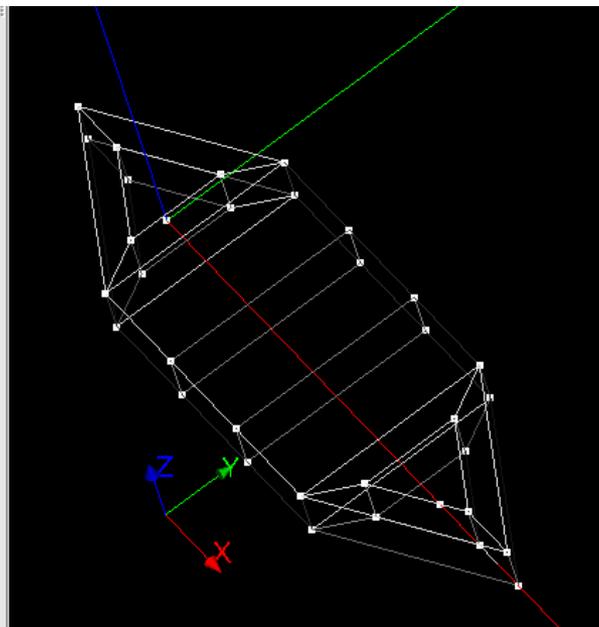
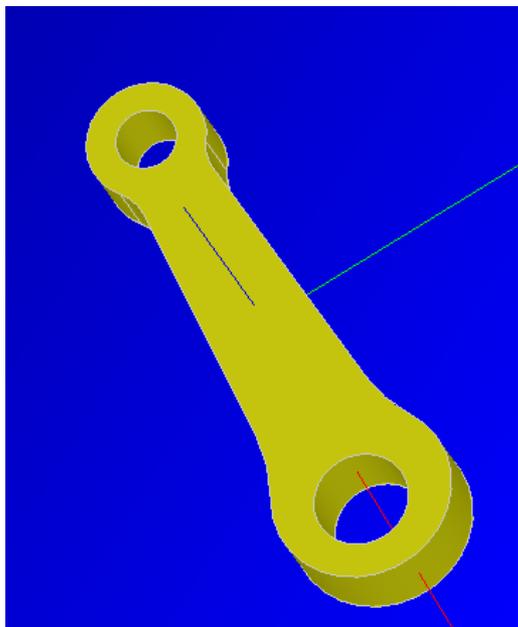
## >> How SALOME can be used?

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

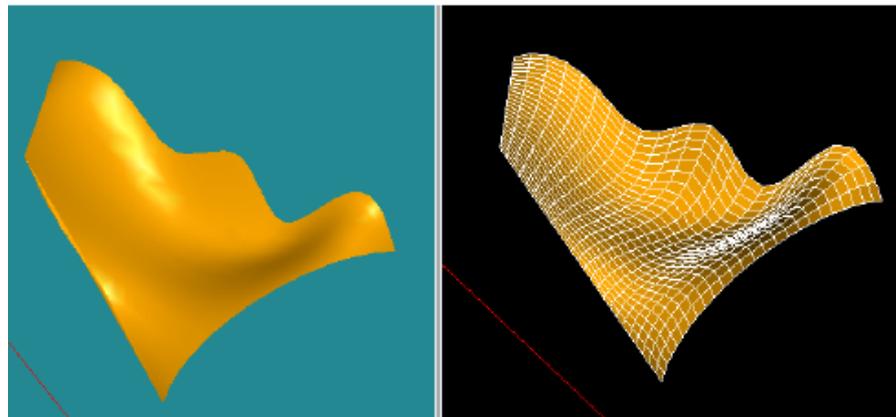
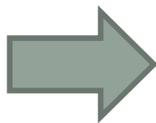
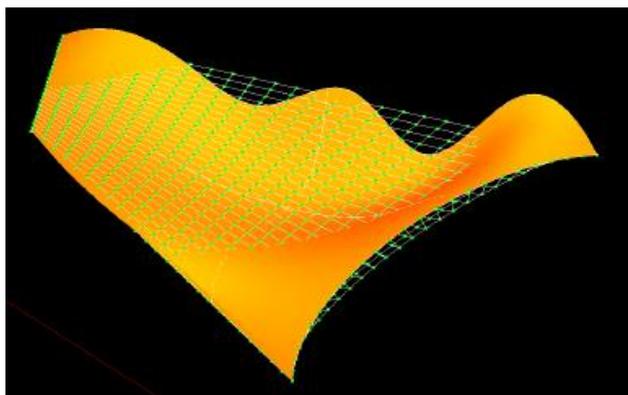
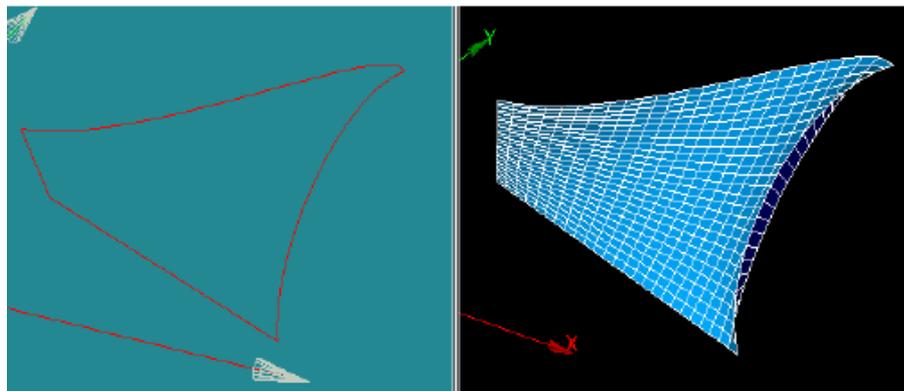
SALOME can also be used as a **platform for integration** of the external third-party numerical codes to produce a new application for the full life-cycle management of CAD models.



# HEXABLOCK's documentationより



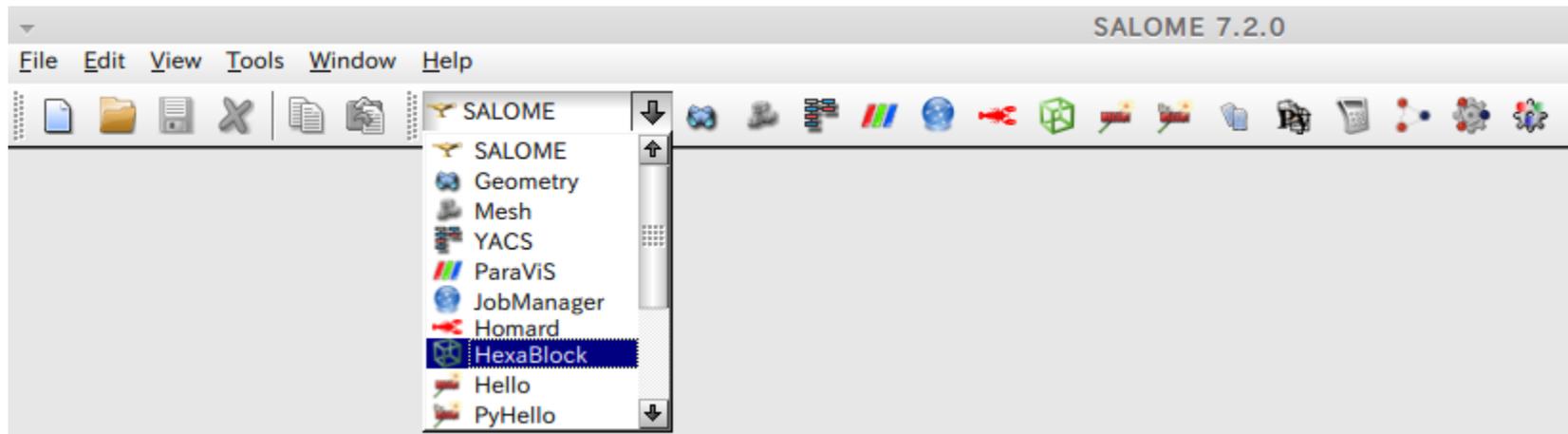
# メッシュ作成方法



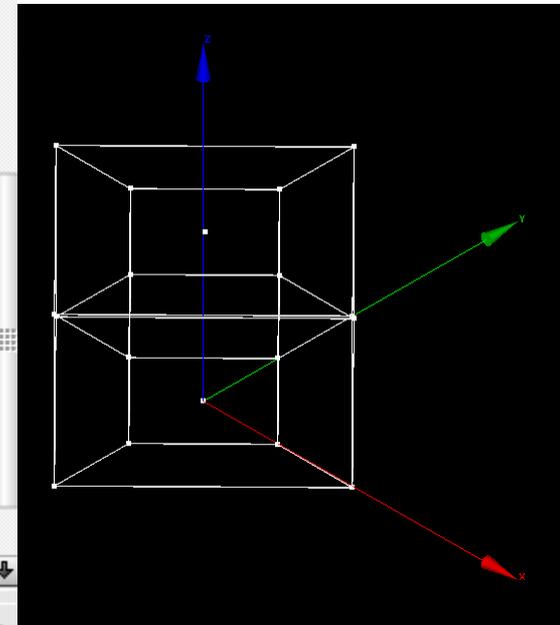
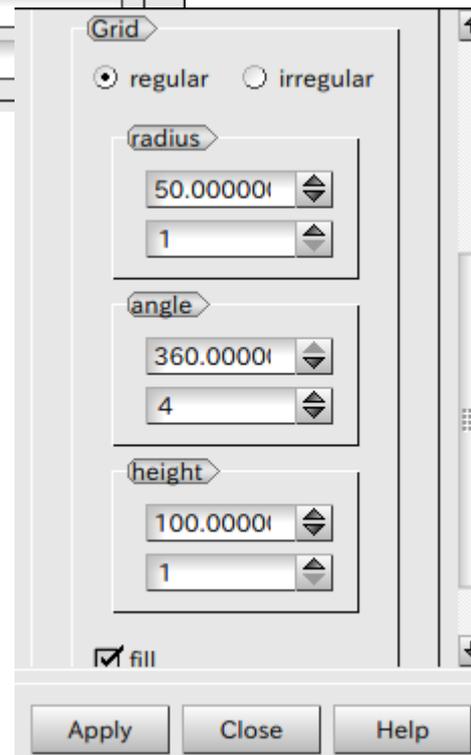
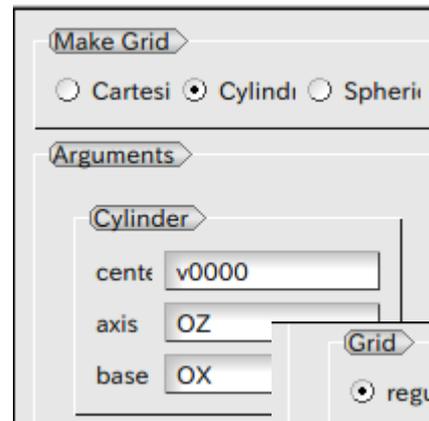
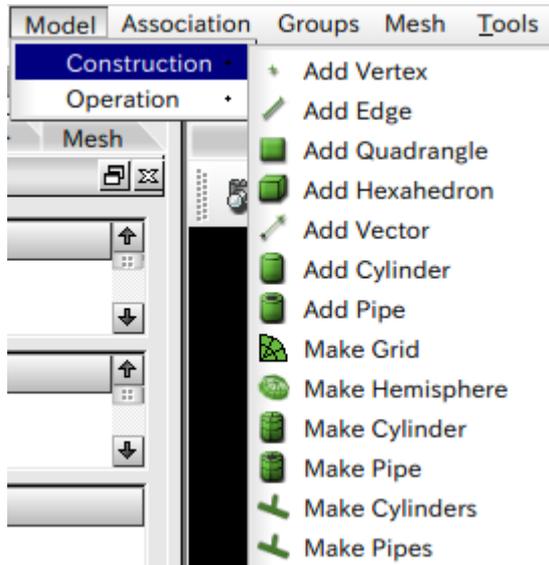
# Salome7.2.0インストール及び実行方法

- <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

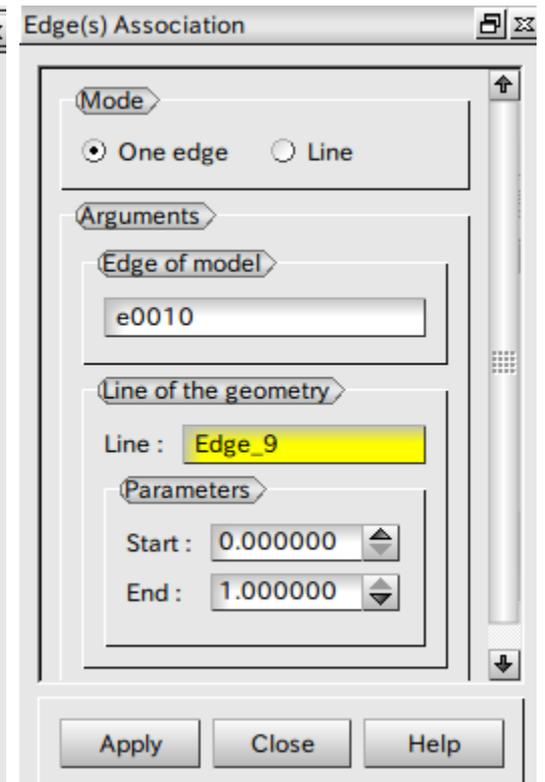
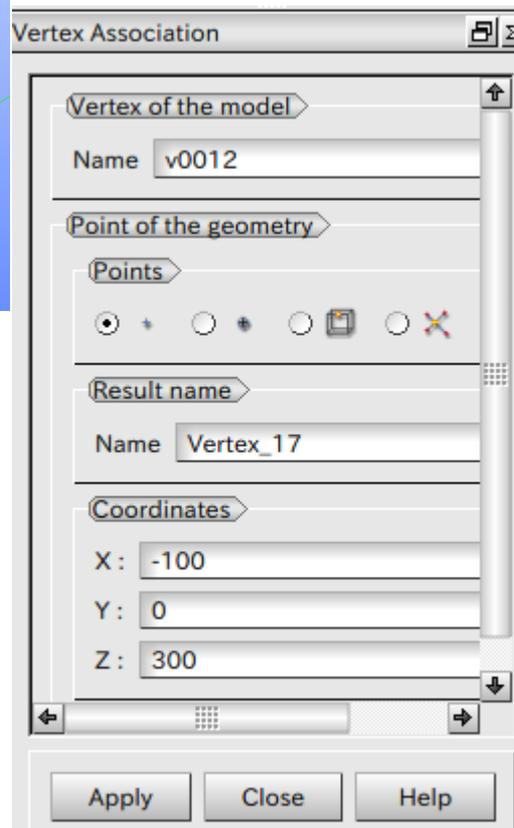
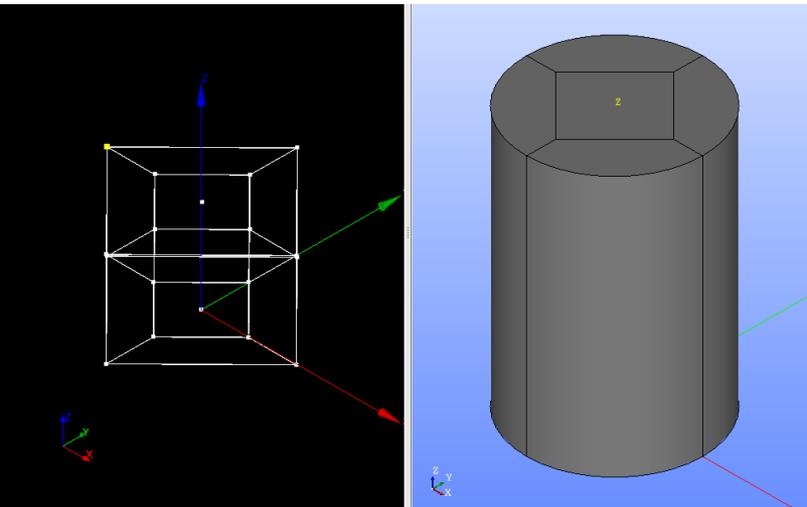
# HexaBlockを使う



# 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

