JOURNEE DES UTILISATEURS DE SALOME

SALOME USERS DAY

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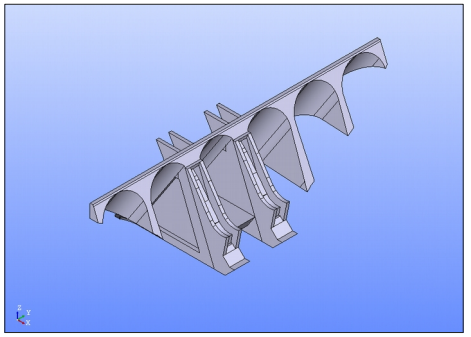
27 Mars 2018

SHAPER



SALOME 8.5_S
Shaper included
Private version

SALOME 9.1
Shaper included
Private version

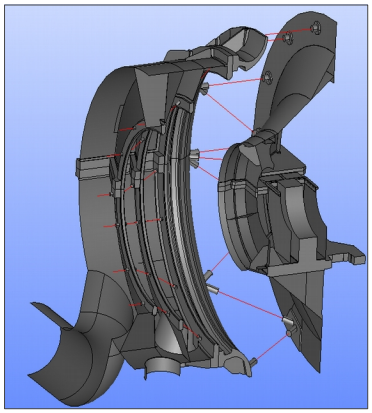
SALOME 9.2
Shaper included
Public version

2018

April

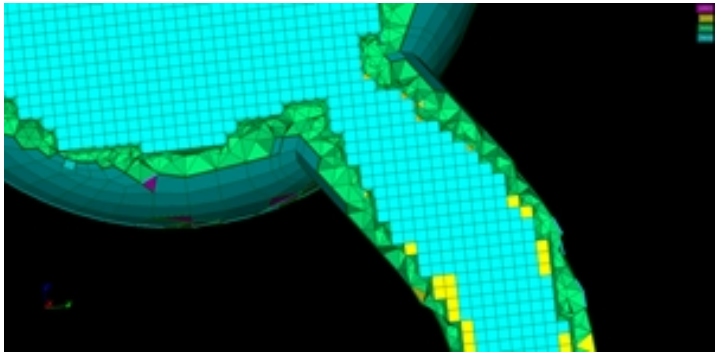
July

December

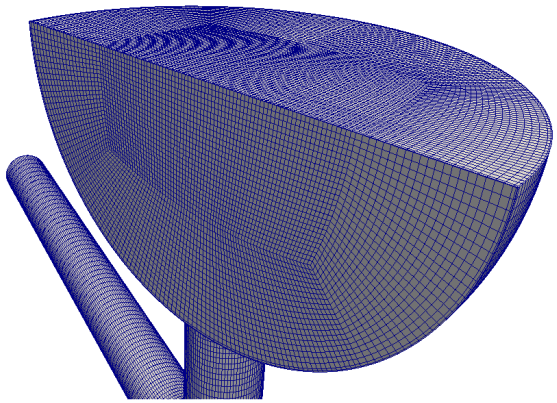


- GEOM will be removed progressively (2 years).
- The pace is still to be confirmed

SMESH



- **Performances**
  - To be improved again manipulate large mesh on a standard workstation
  - Getting closer to Paraview performance
  - Available in SALOME 9.2



- **Architecture**
  - Removal of the CORBA layer
  - Cleaning the C++ API
  - Improving interaction between SHAPER and SMESH
  - Work shall start in 2019

PASSAGE PYTHON 3

- **Response to a business challenge**
  - To still benefit from an operational and a state of the art framework
    - Switch to Python 3 to ensure lifetime, reliability and compliance
    - Ease the Windows version production (to be in line with python and C++ versions for Visual Studio)
- **A work already engaged in 2017-2018 :**
  - Migration Python2 / Python3 through all the platform and modules : DONE
    - SALOME 9.0 non-public version Juil. 2017 : to address Salome-based application developers
    - SALOME 9.2 public version : décembre 2018
- **2019 and after: Migration of the rest of the Salome universe :**
  - Support of end-users to migrate their python scripts
  - Support of developers to migrate their Salome-based applications

TOWARDS A MORE AND MORE FLEXIBLE SALOME
AND POLYVALENT MODULES

- **Current state :**
  - SALOME is an all-in-one simulation framework
  - But with some abilities :
    - To withdraw a module;
    - To embed business modules.
- **Objectives :**
  - Get a more flexible architecture to easily plug or unplug any module ;
  - Get polyvalent modules which can be used inside or outside (stand-alone) of SALOME.
- **Target audience :**
  - To meet finely user needs;
  - To attract the user who (thinks he) only needs one module.