Closure of the Salome Users' Day 2019

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SALOME User's Day 2019
NEW PROJECT CYCLE REGARDING SALOME 2019-2023

- Advisability study done at the end of 2018
  - User needs:
    - A more user-friendly Graphical User Interface
    - Light and customizable domain specific applications
    - Take advantage of existing studies
    - Automatic meshes for specific physics
    - SALOME on the cloud

- SALOME team analysis
  - Architecture updates will be driven by users’ use cases
  - Automated software factory is required for a full verification
SHAPER
IMPROVEMENT AND SUPPORT

- Roadmap 2019-2020
  - User support and documentation
  - Automatic link with SMESH
  - Improve robustness with users’ feedbacks

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GUI IMPROVEMENT AND CUSTOMIZABLE APPLICATIONS

- **Architecture updates**
  - Objectives:
    - A customizable Graphical User Interface
    - Light domain specific applications with only the required functionalities

  - Architecture updates will be driven by users’ use cases
    - Which SALOME services at which level?
    - Do we need a unique viewer?

- **Roadmap**
  - 2019: use cases analysis and proofs of concept
  - 2020: specification of the required developments
  - 2021: a more ergonomic graphical interface
  - 2022: template of customizable applications
SOFTWARE FACTORY

- Objective: fully automated software factory
  - Automated GUI testing with Squish at CEA
    - Automation done for SALOME 8.5
    - Porting tests to 9.3 in 2019 to know the cost

- Supported operating systems
  - Building on Windows is better mastered
  - A cloud solution is actually tested at EDF
  - Will docker container be the long term solution?
    - Previous tests showed limitations but the technology continues to improve
ROADMAP

- **Next SALOME deliveries**
  - **2019**
    - June  SALOME 9.3  First official delivery of Shaper
    - December  SALOME 8.6  Robustness version in Python 2
  - **2020**
    - First quarter  SALOME 9.4  Shaper with users’ feedbacks
    - Fourth quarter  SALOME 9.5

- **After 2020 ?**
  - SALOME 10 could contain :
    - architecture updates
    - an ergonomic graphical interface
    - ...

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It was a pleasure to welcome you at the SALOME USERS’ DAY 2019