



Kitware

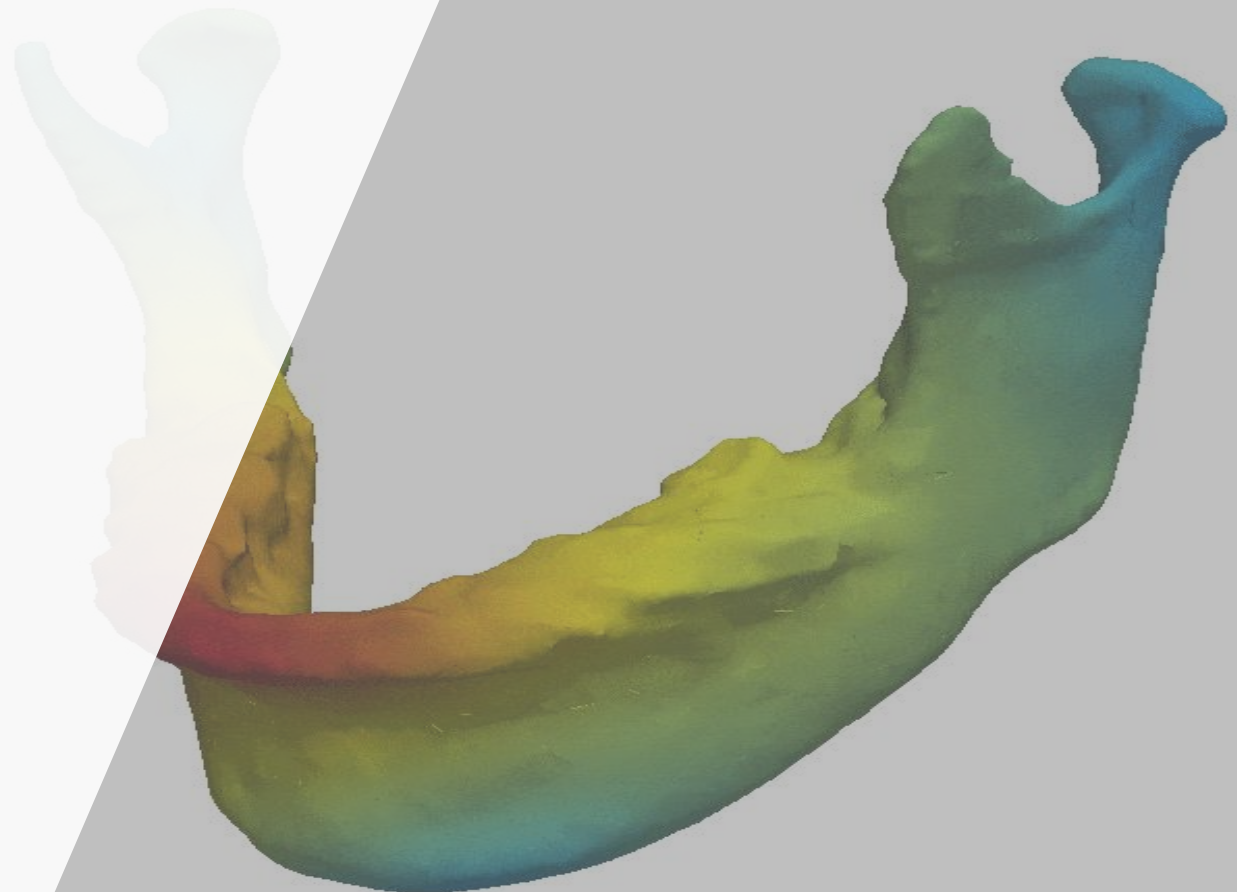
Experts in image processing

>13.09.2017

Journée industrielle du labEx PRIMES



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Velocity Magnitude

4.386e-01

3.78

7.11

10.4

1.379e+01

> *Kitware*

>> Leader in Open Source software solutions



Software development

Based on open source tools



80% staff with PhD or master

High level customer interaction



Revenue

1,9 M € for Kitware Europe in 2016

30 % annual growth

Constant growth since creation



150 employees worldwide

USA & Europe



20 years of expertise

Since 1998





>> Insight Segmentation and Registration Toolkit

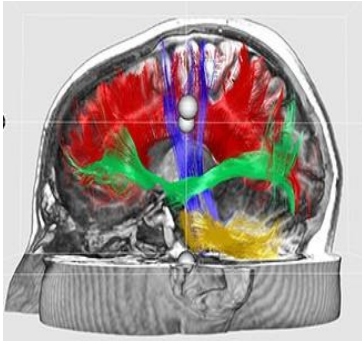
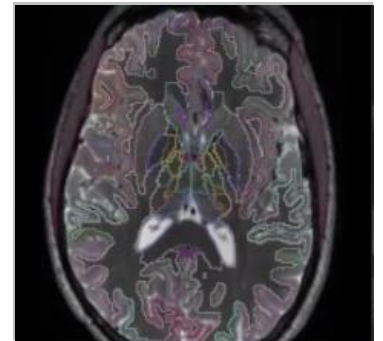
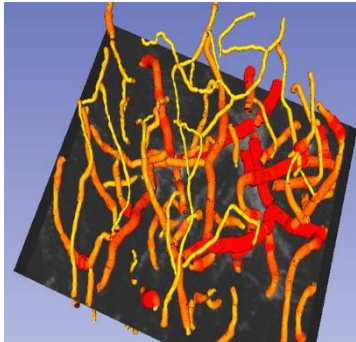
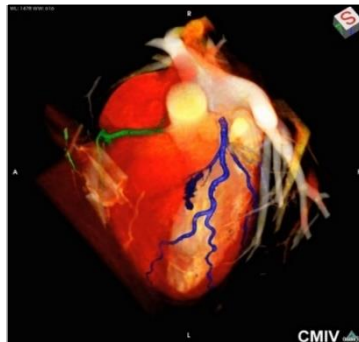


IMAGE PROCESSING AND IMAGE ANALYSIS

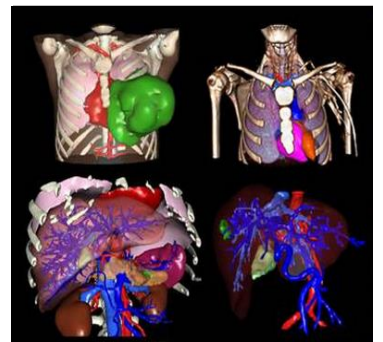


>> Multidimensional data
segmentation and
registration
>> Image registration
algorithms
>> Leading-edge image
processing algorithms



>> 18 years of
development
>> Over 50 000
commits

>> BSD License

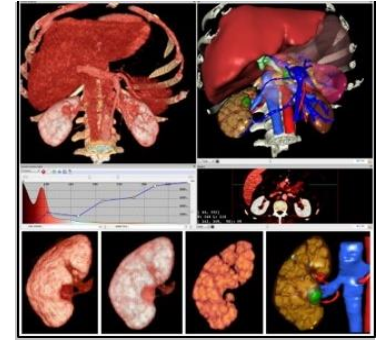


> 3D SLICER

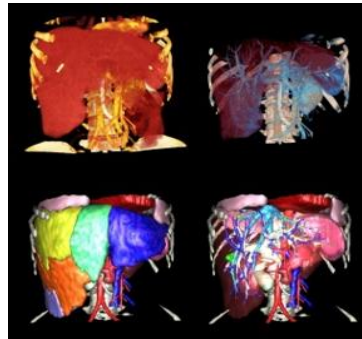
>> Open Source software platform for medical image informatics, image processing and 3D visualization



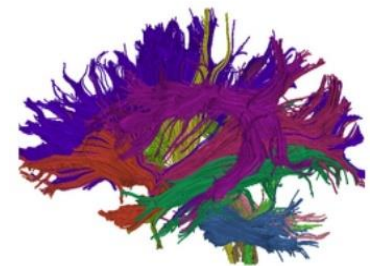
MEDICAL IMAGE PROCESSING AND VISUALIZATION



>> Based on ITK & VTK
>> Segmentation tool
>> Registration tool
>> Advanced image processing

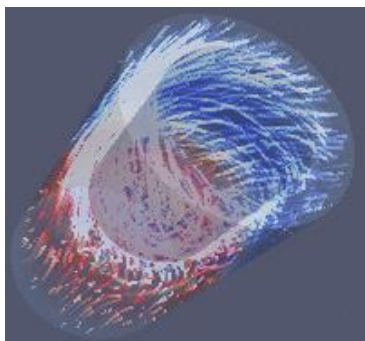
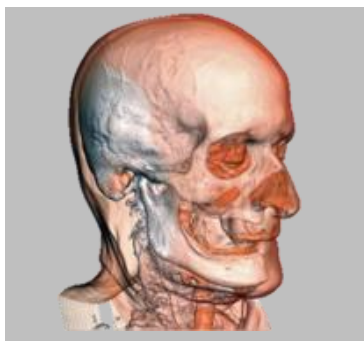


>> 20 years of development
>> Over 175 000 downloads
>> BSD License

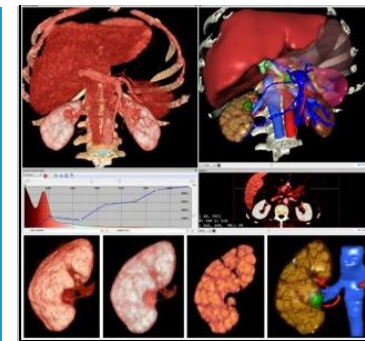




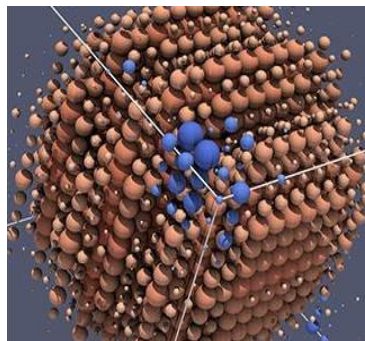
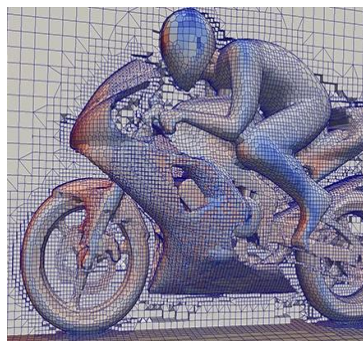
>> Visualization ToolKit



CROSS PLATFORM VISUALIZATION LIBRARY

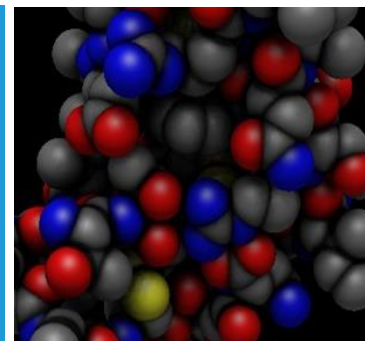


>> Advanced 2D/3D/4D
visualization techniques
>> Advanced data
analysis algorithms
>> 3D interaction
Widgets



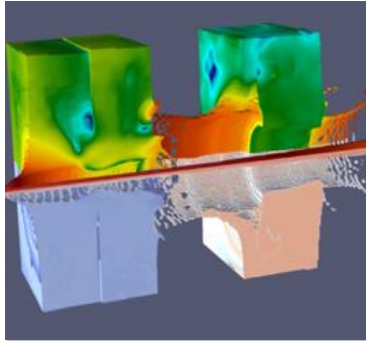
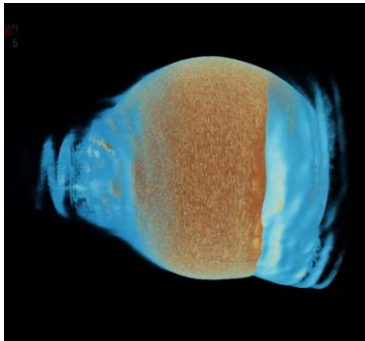
>> 25 years of
development

>> BSD License

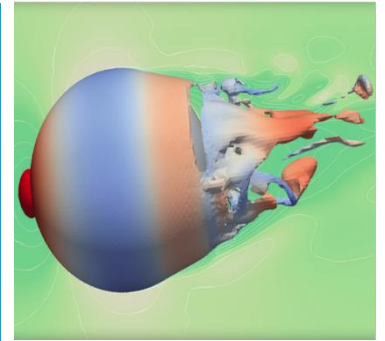


> ParaView

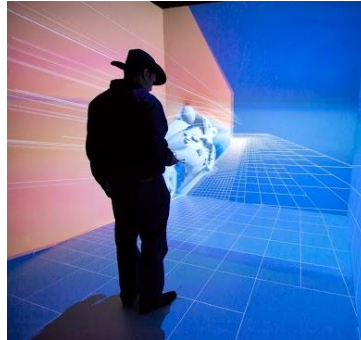
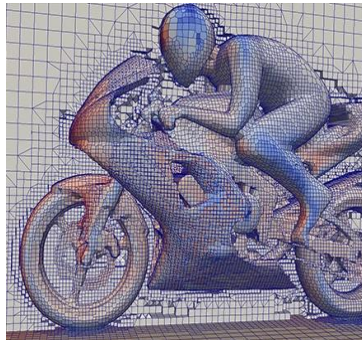
>> Open-source, multi-platform data analysis and visualization application



**OPEN-SOURCE
VISUALISATION
SOFTWARE**

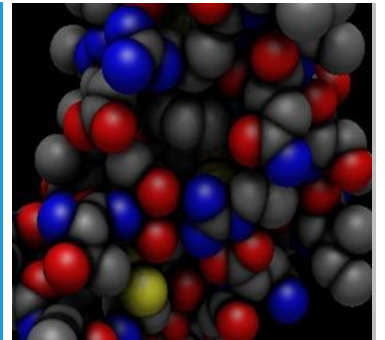


>> 2D/3D/4D
Visualization
>> Advanced data analysis
algorithms
>> 3D interaction
Widgets
>> In-Situ visualization



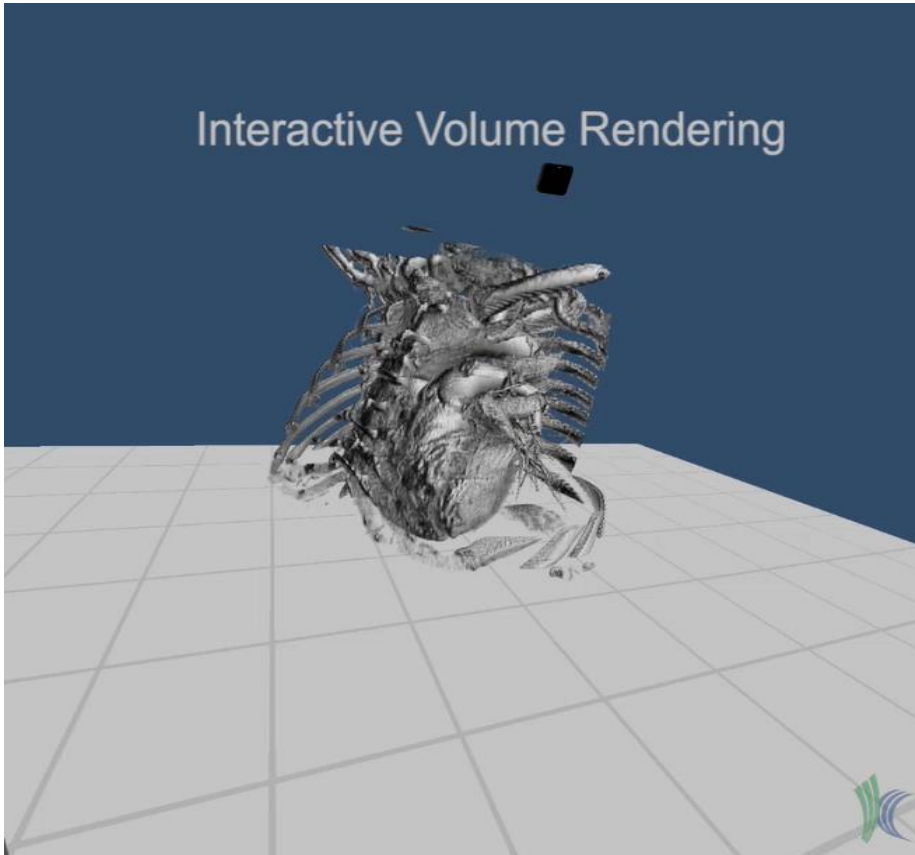
>> 25 years of
development

>> BSD License



> VIRTUAL REALITY

>> Immersive visualization

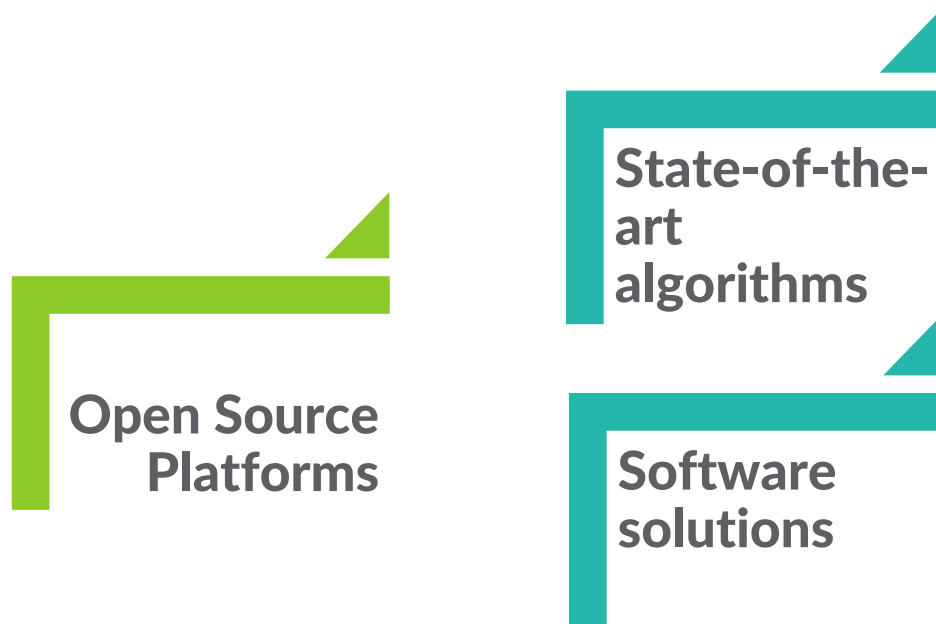


Medical

Volume rendering – Volume shifting – Double pointers interaction – Gesture recognition

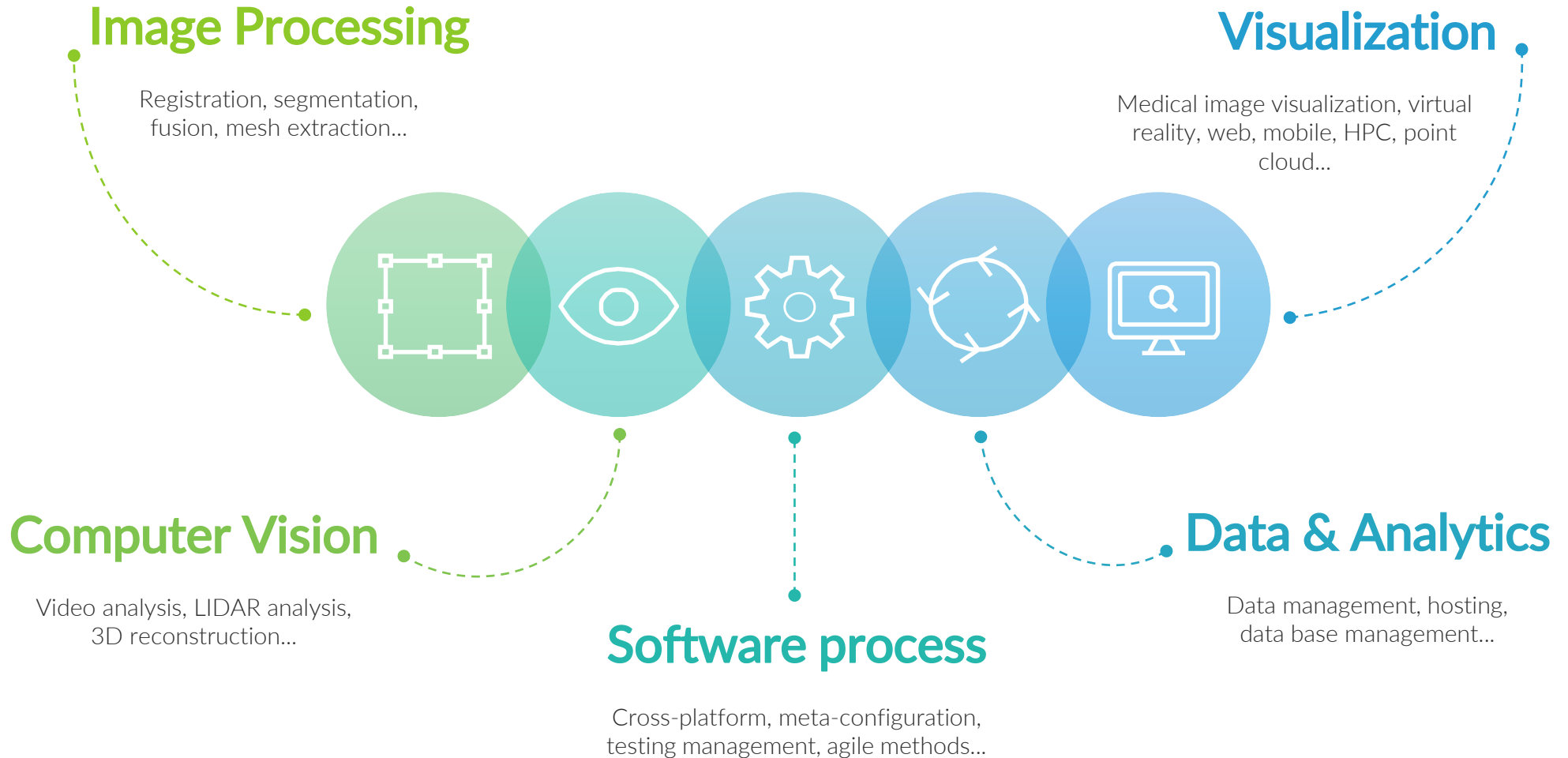
> SERVICES

>> Based on Open-Source tools



> EXPERTISE

>> Based on Open-Source tools





Thank you Merci

Questions ?