



# The Cimg Library

C++ Template Image Processing Toolkit



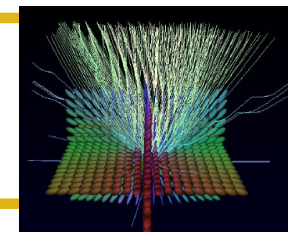
## Usefulness

It provides **C++ classes** to **process** and **visualize** generic images **easily**.



## Simplicity

A **single** header file must be included in your own sources, defining only **four** new classes.



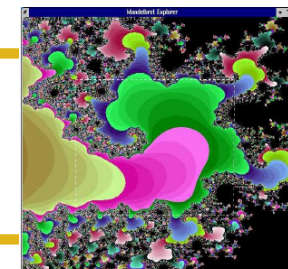
## Genericity

It handles up to **4-D datasets** (multispectral volumetric images) with **template** pixel types.



## Extensibility

It can use **external libraries** and user-defined **plug-ins** to extend its capabilities.



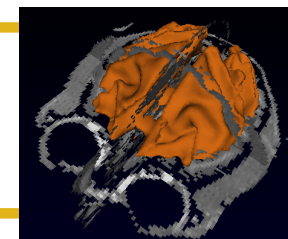
## Portability

**Multiple architectures** are supported (Unix, Windows, MacOSX, \*BSD,...)



## Freedom

It is an **open-source** project which can be used in commercial applications.



<http://cimg.eu>