The CImg Library

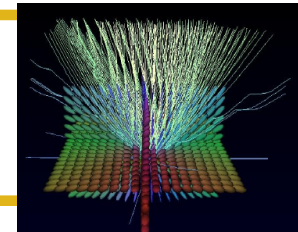## C++ Template Image Processing Toolkit

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.
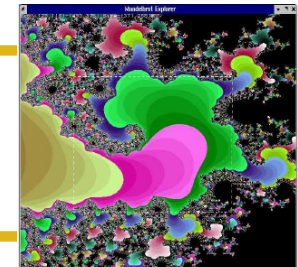
Genericity

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.
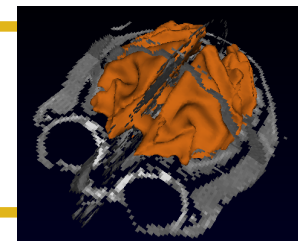
Portability

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