

## Work around distributed image processing and workflow management

A. Schaaff<sup>1</sup>, F. Bonnarel<sup>1</sup>, J.J. Claudon<sup>1</sup>, R. David<sup>2</sup>, S. Genaud<sup>2,3</sup>, M. Louys<sup>1,3</sup>, C. Pestel<sup>1</sup>, C. Wolf<sup>4</sup> <sup>1</sup> CDS Strasbourg, <sup>2</sup> ICPS Illkirch, <sup>3</sup> LSIIT Illkirch, <sup>4</sup> LIRIS Lyon

Many people develop tools for image processing in various languages (C, C++, FORTRAN, MATLAB, etc) but do not diffuse them. One of the reasons is the portability and also the difficulty to make them collaborate with other tools. We are developing AïDA (Astronomical Image processing Distribution Architecture), an architecture in which such tools can be wrapped and accessed through a standardized way (CGI and Web Services).

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The image processing available initially in MATLAB, C-C++, Fortran, ... is wrapped to CGI or Web Service Access

We are now working on the distribution of this architecture to enable the use of Clusters or Grids and the creation of image processing nodes...

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AÏDA is developed in the frame of the French ministry ACI MD (http://acimd.labri.fr) JLOW is developed in the frame of VOTech (http://eurovotech.org) Contact : schaaff@astro.u-strasbg.fr