



Multidimensional data analysis software Versatile framework for medical research

I.

AUDIT LOG

Easy Configuration | Central Users Management
Messaging, Notes, Todo communication between users



SCALABLE DATA MANAGEMENT

Local, Server, Cloud

HETEROGENOUS GRID

Scalable Computing Capabilities
Local, Distributed, Cloud

II.

DATA FORMATS

DICOM, NIFTI, Matlab | TIFF, JPEG | CNT (EEG)
C3D (Gait analysis)



CALCULATION ENGINES

Integration with ANTS, Python, Torch, MATLAB, R, PHITS,
OpenFOAM | Quantum Computers
Extensions programming in Java

PRECISE DATA VISUALIZATION

Image fusion, MIP, Surface rendering | Curves, Tables
Labels | Statistics | R

III.

APPLICATIONS

Elastic matching | Filtering | Segmentation
Normalization and Atlas-based segmentation



MULTICENTER STUDIES

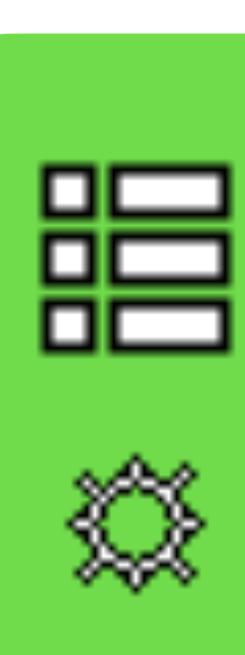
Project-based processing
Population studies

MULTIMODAL PROCESSING

MRI, fMRI + EEG, CT, SPECT, PET

IV.

SPECT / PET Monte Carlo DOSIMETRY
Machine learning Classification
fMRI / EEG / PET Epilepsy analysis



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MRI Subject to Subject Elastic matching

