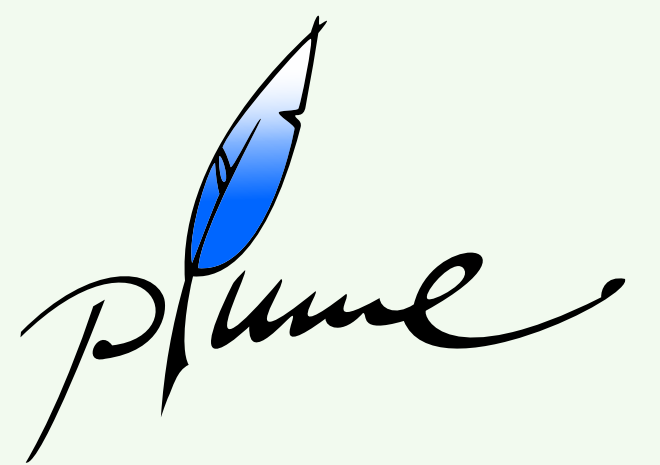




LIGM research software



«**LIGM software mission**» (june 2006): to study the implementation of services (versioning, publication, etc.) associated with the laboratory software development with the aim to promote their visibility.

1.- Publication of LIGM's software reference cards on the PLUME server:

🇫🇷 <https://www.projet-plume.org/LIGM>

🇬🇧 <https://www.projet-plume.org/en/taxonomie/1936/en>

2.- Studies on the dissemination of research software published on «**Patrimoine logiciel d'un laboratoire**»:

🇫🇷 <https://www.projet-plume.org/patrimoine-logiciel-laboratoire>

Name	License
OpenMEEG Topological smoothing	CeCILL-B CeCILL
22 maintained software since 2008	
CAPCC	in progress
Critical kernels	CeCILL
Cross-Section topology	CeCILL
DCTV	GPL v3
Euclidean skeletons	CeCILL
gpu-openings	GPL
Ibex	GPL v3
Imagine++	proprietary
ImagineMVS	proprietary
Imview	GPL
K-VLD	BSD
Norm Est	GPL v3
Olena	GPL + clause
OpenKN	GPL
OpenMVG	MPL v2
OrsaHomography	LGPL
PINK	CeCILL
PowerWatershed	CeCILL
Saliency maps	CeCILL
Segmentation d'IRM cardiaque 3d+t	CeCILL
SynDEX-1c	use, distribute
Topological watershed	CeCILL

Algorithms,
architectures,
image analysis and
computer graphics
(A3SI)

Maintained software since 2008

Team	Nb.	Distributed	Free	PLUME ref. cards
A3SI	22	22	18	22 fr, 20 en
Combinatorics	7	7	7	2 Val., 7 fr, 7 en
Models-Algo.	11	11	11	1 Val., 11 fr, 8 en
LRT	12	11	9	12 fr, 7 en
Signal-Com.	9	8	8	9 fr, 9 en
Total	61	59	53	3 Val., 61 fr, 51 en

Name	License
Algorithmique du texte	proprietary
Ed'Nimbus	contact author
GraalWeb	on line use
Hoop	LGPL
Lothaire package	use, distribute
Minbrkpts	contact author
Outilx	LGPL

Models
and
algorithms

11 maintained software since 2008

ASTL	GPL v2
Distagger	LGPL
GraMLab	Apache v2
GraMoFoNe	GPL
LGExtract	LGPL
LGTagger	LGPL
Regal	GPL
RoadColoringImpl	GPL
TreeCloud	GPL
Unitex	LGPL
Vaucanson	GPL

Name	License
JMMF	GPL
MEDL	contact author
Sprintabout	LGPL
12 maintained software since 2008	
BeC3	in progress
D-LITe	GPL
LejosRT	GPL
MIMO-802.11e	in progress
Plade	Affero GPL v3
Qolyester	GPL
REALTIMEZ	BSD
RTMSIM	BSD
RTSS	GPL
Saburo	LGPL
Tatoo	LGPL
YARTISS	GPL

Software,
Networks
and
Real-Time
Systems
(LRT)

Name	License
7 maintained software since 2008	
InvariantRingPermutationGroup	GPL
MLV	GPL
MuPAD-Combinat	LGPL
Polynômes multivariés en Sage	GPL
PST-Cox	LGPL
Sage-Combinat	GPL
Schur	GPL

Algebraic
combinatorics
and
symbolic
computation

Name	License
1D Wavelet decompositions	CeCILL-B
Blind source separation	proprietary
9 maintained software since 2008	
GC-PPXA-QUANTIZER	LGPL
LSMM	CeCILL-B
pMRILab	CeCILL v2
RestoMMMG_Lab	CeCILL-B
RestoPPXA_Lab	CeCILL-B
RestoVMFB_Lab	CeCILL-B
Signal separation	ind. partner contract
SURELET-DECONV	CeCILL-B
TexGeoPPXA_Lab	CeCILL-B

Signal
and
communications

Contact: Teresa.Gomez-Diaz@univ-mlv.fr