

Core

	version	priority	workload
•Deferred data processing	2.0	L	++
•Enhance memory management: <ul style="list-style-type: none"> • 32bit frame indexes limitation • Extended usage of frame buffer release 	2.0	L	+++
•Replace HwFrameInfo with Data structure	2.0	H	++
•Extend callback interface	2.0	M	++
•Saving new fonctionnalités: multi-prefixes	2.0	H	-
•Saving plugin model: <ul style="list-style-type: none"> • move CtSaving from Control to a dynamic external plugin interface: HDF5 is a good candidate as proof of concept ! • Submodule organisation for the supported formats 	2.0	L	++
•New Hw Capabilities: <ul style="list-style-type: none"> •Gain, AutoExposure for versatile cameras 	1.x+1	M	+
•Saving new fonctionnalités: detector per frame meta-data	1x+1	H	+

	version	priority	workload
Sinogram soft-operation (slice concatenation)	1.x+1	H	+
Polar integration soft-operation (RoiCnt)	1.x+1	H	+
Software-operation Plugin interface: missing some callbacks (PyFAI)	1.x+1	H	+
Raw Image Reconstruction in accumulation mode before gap correction (Maxipix)	2.0	L	+

Extra

	version	priority	workload
<ul style="list-style-type: none"> • Graphical clients (GUIs): <ul style="list-style-type: none"> • client (generic inter + specific control) • Builtin online display (just pop up a window) • HTML5 	3.0	L	+++
	1.x+1	M	+
	X.Y	L	++
<ul style="list-style-type: none"> • Pixmap tool for image scaling (colormap) and video format transformation 	2.0	L	++
<ul style="list-style-type: none"> • Video libraries for saving or streaming (avi , v4l2 ...) <ul style="list-style-type: none"> • Video saving 	2.0	M	+
<ul style="list-style-type: none"> • Toolbox for multiple format reading (raw, mccd, edf..) 	2.0	M	+

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External Requests

	version	priority	workload
• Buffer management simplification+doc	2.0	H	++
• Introspection for generic client (dynamic)	2.0	H	Soleil proposal
• Libuca – KIT	-	-	-
• Ctsaving: get info and control on file names, headers in the applications medium <ul style="list-style-type: none"> • Allow "lost-images" by skipping saved file frame number 	2.0	M	+
• 1D detector ?	-	-	Esrif proposal
• New saving formats	any	M	-
• Extend EDF header meta-data (exposure, roi...)	1.x+!	H	+
• Dynamic pixel size calibration (set/getPixelSize())	2.0	H	+
• Multiple Tango server interfaces (diff ctrl systems)	-	L	-

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Organization

	version	priority	workload
•Plugin developer guidelines : Documentation, Source code (do not forget GPL license): rst and/or doxygen	1.x+1	HH	++
•Homogeneous naming convention •(ReadImage → readImage, in CtAcquisition remove “Acq” in methods (setAcqExpoTime → setExpoTime)	2.0	L	+
•Include C namespace (#include <lima/xxx.h> ...)	HH	1.3	+
•Unitests : start with Simulator	H	2.0	+++
•Packaging <ul style="list-style-type: none"> • Linux (autoconf, tar.gz, binary package for debian ...) • Windows (msi ...) 	H L	1.x+1 1x+1	+ (F.Picca proposal) ++
•C++ vs Python: main stream in C++, python for prototyping, only one version maintained	-	-	-
Git without submodule and pull-request policy	HH	-	+ Alba proposal
Bug tracking	M	any	-