Issues

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
1950	ctools	Support	In Progress	High	'invalid background response tables' with ctobssim	Knödlseder Jürgen	01/24/2018 10:43 AM		10
1941	ctools	Action	New	Normal	A ctobsselect run should preserve any environment variables in the XML file		03/03/2017 05:06 PM		0
1000	GammaLib	Bug	New	Normal	ASCII table has wrong content in second saving of Python unit test		11/21/2013 02:21 AM		0
3463	GammaLib	Action	New	Normal	Add "RING" method to GSkyMap smooth and correlate		03/14/2022 12:29 PM		0
1070	GammaLib	Feature	New	Normal	Add @make install-no-doxygen@ target (or document it in @make help@ output if it exists)	Knödlseder Jürgen	07/19/2014 02:10 AM		0
1753	GammaLib	Feature	New	Normal	Add GCTAEventBin arithmetic operators		04/04/2016 02:21 PM		0
1665	GammaLib	Feature	New	Normal	Add GUnit class that handles FITS unit conventions		02/12/2016 09:14 PM		0
2190	GammaLib	Feature	In Progress	Normal	Add GammaLib code generator	Knödlseder Jürgen	01/27/2018 05:28 PM		50
569	GammaLib	Action	New	Normal	Add acceptance reader	Knödlseder Jürgen	10/03/2013 02:34 PM		0
612	GammaLib	Feature	New	Normal	Add Monte Carlo simulation support to COMPTEL interface.		12/04/2012 10:47 PM		0
1234	GammaLib	Feature	New	Normal	Add a way to create IRF classes directly without needing FITS files		06/26/2014 09:30 AM		0
585	ctools	Feature	New	Normal	Add api-sanity-checker on Jenkins for ctools		11/07/2012 02:18 PM		0
1454	ctools	Feature	New	Normal	Add check for binned and unbinned analysis to ctool::get_observations()		03/30/2015 01:43 PM		0
1152	ctools	Feature	New	High	Add ctool for quick look and checks		07/02/2015 11:33 AM		0
487	GammaLib	Feature	New	Normal	Add developer info wiki page on how to develop GammaLib with an IDE like Eclipse / XCode	Deil Christoph	09/19/2012 11:06 PM		10
1245	GammaLib	Action	New	Normal	Add fill method to GSkymap		07/08/2014 09:25 AM		0
3990	GammaLib	Feature	New	Normal	Add function to convert sigma for a given number of freedoms to TS value		03/22/2022 11:37 AM		0
2720	GammaLib	Change request	New	Normal	Add margin to energy boundaries GCTABackground3D		11/06/2018 05:06 PM		0
3242	GammaLib	Action	New	Normal	Add method to return Fisher information matrix		06/24/2020 09:47 PM		0
1802	GammaLib	Action	New	Normal	Add methods for writing standard OGIP FITS keywords		06/23/2016 12:21 AM		0
1416	GammaLib	Action	In Progress	Normal	Add missing WCS projections		06/21/2016 10:09 PM		0
1428	ctools	Action	New	Normal	Add note about multiple Python installs to documentation		02/20/2015 04:01 PM		0
2293	ctools	Feature	New	Normal	Add option to ctmodel to integrate expected number of counts over bins		12/20/2017 02:31 PM		0
1935	ctools	Action	Pull request	Urgent	Integrate centos_packaging branch	Knödlseder Jürgen	01/23/2018 12:14 PM		100
3882	GammaLib	Feature	In Progress	Normal	Add polarization to interface	Knödlseder Jürgen	10/20/2021 04:04 PM		10

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1880	GammaLib	Feature	New	Normal	Add solidangle() method to GModelSpatial		11/22/2016 05:01 PM		0
3610	ctools	Action	New	Normal	Add spatial butterfly		03/15/2022 12:51 PM		0
3693	GammaLib	Action	New	Normal	Add statistics methods to GNdarray		05/20/2021 10:52 AM		0
2939	GammaLib	Action	New	Normal	Add support for extended spatial models in Fermi/LAT analysis		03/14/2022 12:25 PM		0
989	GammaLib	Feature	In Progress	Normal	Add support for variable length columns to FITS module.	Knödlseder Jürgen	11/22/2013 05:14 PM		90
2731	ctools	Feature	New	Normal	Add support of observations with multiple counts cubes to ctmodel		11/09/2018 09:33 AM		0
1763	GammaLib	Action	New	Normal	Add swig version requirement to user documentation		04/14/2016 09:44 PM		0
3523	ctools	Feature	New	Normal	Add to csmodelselect the option to select models for a binned/stacked analysis		03/15/2022 12:49 PM		0
1796	ctools	Feature	New	Normal	Add tool to create spectrum points as function of true energy		06/20/2016 10:19 AM		0
688	GammaLib	Bug	New	Normal	Add type checking rule for 'int []' in GFitsTableCol.i		01/11/2013 01:23 AM		0
1125	GammaLib	Action	New	Normal	Add unit test for 3D interpolation in GCTAResponseTable		06/16/2014 11:37 AM		0
1078	GammaLib	Feature	New	Low	Add unit tests for GModel::mc() methods		01/13/2014 10:01 PM		0
1874	GammaLib	Change request	New	High	Add validity range to the CTA PSF classes		07/31/2017 11:11 PM		0
1334	GammaLib	Action	New	Normal	Add write() save() methods to GCTAAeffArf		10/30/2014 12:12 PM		0
2730	ctools	Change request	New	Low	Adopt tools to store GSkyRegions instead of maps which would allow a greater flexibility		07/15/2020 12:03 PM		0
1842	ctools	Action	New	Normal	All cscripts should have a clear() method		08/12/2016 10:30 AM		0
1478	GammaLib	Feature	New	Normal	Allow for asymmetric parameter errors		07/31/2017 11:07 PM		0
1136	ctools	Change request	New	Normal	Allow for energy integration in ctmodel		02/07/2014 08:21 AM		0
725	GammaLib	Feature	New	Normal	Allow for instrument dependent model scaling	Knödlseder Jürgen	12/10/2013 12:18 AM		50
727	GammaLib	Action	New	Normal	Add global instrument scaling.	Knödlseder Jürgen	02/05/2013 05:19 PM		0
1923	GammaLib	Change request	New	Normal	Allow setting of time reference in GCTACubeExposure		02/03/2017 02:05 PM		0
1769	ctools	Feature	New	Normal	Allow to specify an energy range for ctlike		06/18/2016 10:07 AM		0
39	GammaLib	Feature	New	Low	Assure consistency of FITS column operations		02/20/2012 06:07 PM		0
2150	GammaLib	Action	New	Normal	Assure that GSkyMap::overlaps() always returns exact response		07/06/2017 02:25 PM		0
1843	GammaLib	Action	In Progress	Normal	Avoid code duplication in const and non-const functions and operators		03/14/2022 12:27 PM		10
1433	GammaLib	Change request	New	Normal	CTA EVENT_ID should be 64Bit long		03/03/2015 04:49 PM		0
1122	GammaLib	Action	New	Normal	Calculate IRFs for GSkyRegions	Kosack Karl	03/11/2016 06:09 PM		100

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3258	GammaLib	Change request	New	Normal	Change GModelSpatial::region() method to GModelSpatial::regions() that returns a GRegions object		03/14/2022 02:04 PM		0
623	GammaLib	Change request	In Progress	Low	Change deprecated INCLUDES to AM_CPPFLAGS in Makefile.am files	Knödlseder Jürgen	01/09/2014 01:10 PM		10
3713	ctools	Feature	New	Normal	Check file extension for output observations		05/28/2021 09:57 AM		0
2388	ctools	Action	New	Normal	Check input model in ctbkgcube		03/06/2018 04:57 PM		0
1066	GammaLib	Feature	New	Normal	Check of GCTAModelBackground GModelSpatialDiffuseCube center and coverage of roi		01/08/2014 07:00 PM		0
992	GammaLib	Action	New	Normal	Check of set_mc_cone() should also be added to the diffuse map class to provide the proper normalization of the Monte Carlo.		11/19/2013 02:25 AM		0
3536	ctools	Action	In Progress	Normal	Check performance of csresmap and csrespec	Tibaldo Luigi	06/04/2022 08:44 PM		0
1942	ctools	Change request	New	Normal	Clarify model description		03/07/2017 10:41 AM		0
306	GammaLib	Feature	In Progress	Normal	Clean up Fermi/LAT response classes		06/21/2016 05:24 PM		65
289	GammaLib	Action	In Progress	Normal	Extend and cleanup GLATResponseTable class	Knödlseder Jürgen	07/12/2012 10:15 AM		30
38	GammaLib	Feature	New	Low	Clean up GFits classes		02/20/2012 06:08 PM		0
1839	ctools	Feature	New	Normal	Compiling ctools doesn't get faster using 'make -j4'		08/08/2016 02:55 PM		0
36	GammaLib	Feature	New	Low	Complete implementation of FITS ASCII table handling		02/20/2012 06:06 PM		0
305	GammaLib	Feature	New	Normal	Complete implementation of Fermi/LAT response		07/12/2012 08:58 AM		0
142	GammaLib	Feature	New	Normal	Configure script should test for LateX		04/02/2012 05:18 PM		0
1837	ctools	Change request	In Progress	Normal	Copying of a ctool or cscript should initialise its log file	Knödlseder Jürgen	03/03/2017 10:50 AM		50
801	GammaLib	Action	New	Normal	Correctly implement scanf and printf methods for GUrlString		03/16/2013 01:46 AM		0
45	GammaLib	Feature	New	Low	Correctly reflect any change in the NULL value of FITS table columns		02/20/2012 06:06 PM		0
651	GammaLib	Feature	In Progress	Normal	Crab reference spectra	Deil Christoph	12/17/2012 08:48 PM		0
1602	GammaLib	Feature	New	Normal	Create GFitsExtension class		06/06/2017 10:29 PM		0
972	GammaLib	Change request	New	Low	Create a general registry class to reduce code duplication		11/12/2013 12:01 PM		0
1641	ctools	Feature	New	Normal	Create ctbkgspec tool		01/14/2016 03:06 PM		0
1643	ctools	Feature	New	Normal	Create ctcntspec tool		01/14/2016 03:08 PM		0
1640	ctools	Feature	New	Normal	Create ctevtspec tool		01/14/2016 03:05 PM		0
1642	ctools	Feature	New	Normal	Create ctexpspec tool		01/14/2016 03:07 PM		0
1635	ctools	Feature	New	Normal	Create ctfilter tool		01/14/2016 02:50 PM		0

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1644	ctools	Feature	New	Normal	Create ctflxspec tool		01/14/2016 03:10 PM		0
1633	ctools	Feature	New	Normal	Create ctirfsim tool		01/14/2016 02:47 PM		0
1645	ctools	Feature	New	Normal	Create ctlinesarch tool		01/14/2016 03:10 PM		0
1638	ctools	Feature	New	Normal	Create ctmapcombine tool		01/14/2016 02:56 PM		0
1637	ctools	Feature	New	Normal	Create ctmapsmooth tool		01/14/2016 02:55 PM		0
1626	ctools	Feature	New	Normal	Create ctorbdb tool		01/14/2016 09:05 AM		0
1624	ctools	Feature	New	Normal	Create ctorbgram tool		01/14/2016 09:05 AM		0
1622	ctools	Feature	New	Normal	Create ctpersearch tool		01/14/2016 09:06 AM		0
1625	ctools	Feature	New	Normal	Create ctphasogram tool		01/14/2016 09:07 AM		0
1632	ctools	Feature	New	Normal	Create ctpntsim tool		01/14/2016 02:46 PM		0
544	ctools	Feature	New	Normal	Create ctpoisson tool	Deil Christoph	01/19/2014 02:05 AM		10
1627	ctools	Feature	New	Normal	Create ctpuldb tool		01/14/2016 09:07 AM		0
1623	ctools	Feature	New	Normal	Create ctpulsearch tool		01/14/2016 09:07 AM		0
1620	ctools	Feature	New	Normal	Create ctsensmap tool		01/14/2016 08:49 AM		0
1621	ctools	Feature	New	Normal	Create ctsensspec tool		01/14/2016 08:50 AM		0
1636	ctools	Feature	New	Normal	Create ctskydeconv tool		01/14/2016 02:53 PM		0
1619	ctools	Feature	New	Normal	Create ctsrccat tool		01/14/2016 08:45 AM		0
1618	ctools	Feature	New	Normal	Create ctsrcid tool		01/14/2016 08:44 AM		0
1115	ctools	Feature	New	Normal	Create pointing simulation tool		07/19/2014 02:15 AM		0
1712	ctools	Feature	New	Normal	Create tool to compute systematic errors by bracketing IRFs		02/24/2016 09:49 PM		0
117	ctools	Feature	New	Normal	Define ctools profiling procedure		10/13/2012 07:20 PM		0
116	ctools	Feature	New	Normal	Define ctools validation procedure		03/08/2012 05:45 PM		0
1345	GammaLib	Change request	New	Normal	Define elliptical disk model on the sphere		10/30/2014 11:20 AM		0
1628	ctools	Action	New	Normal	Define format for orbital database		01/14/2016 09:02 AM		0
1630	ctools	Action	New	Normal	Define format for orbital solution		01/14/2016 09:05 AM		0
1629	ctools	Action	New	Normal	Define format for pulsar database		01/14/2016 09:03 AM		0
1631	ctools	Action	New	Normal	Define format for pulsar ephemerides		01/14/2016 09:06 AM		0
2175	ctools	Action	New	Normal	Detect in ./configure whether cfitsio cannot be found		08/04/2017 10:01 AM		0
419	GammaLib	Action	New	Normal	Disable tests involving Fits file access if cfitsio is not compiled into GammaLib		08/18/2012 04:52 AM		0
566	GammaLib	Feature	New	Normal	Distribute gammalib for Macs via the Macports package manager?	Deil Christoph	10/15/2012 01:46 PM		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
581	GammaLib	Feature	New	Normal	Distribute gammalib for Macs via the Homebrew package manager	Deil Christoph	10/31/2012 05:27 PM		0
1118	GammaLib	Action	In Progress	Normal	Document CTA energy dispersion in the GammaLib user manual	Knödlseder Jürgen	10/27/2015 11:11 PM		10
43	GammaLib	Feature	New	Normal	Document and format matrix classes		02/20/2012 05:58 PM		0
1041	GammaLib	Feature	New	High	Document observation definition XML file format		07/19/2014 02:10 AM		0
1069	ctools	Feature	New	Normal	Document which ctool works with which instrument		01/09/2014 02:44 PM		0
1431	ctools	Change request	New	Normal	Documentation versions		02/24/2015 10:03 AM		0
1561	GammaLib	Bug	In Progress	Normal	Elliptical Gauss model shows fit convergence problems	Knödlseder Jürgen	07/31/2017 11:07 PM		50
2888	ctools	Bug	New	Normal	Enable package build and check on Mac OS X 10.13 and 10.14		05/14/2019 09:06 AM		0
2684	ctools	Feature	New	Normal	Energy dispersion for Fermi/LAT		09/21/2018 10:28 AM		0
3057	ctools	Change request	New	Low	Enhance ctlike debug output by replacing parameter index with source name		11/08/2019 03:21 PM		0
901	ctools	Bug	New	Normal	Error with Fermi LAT caldb in ctools	Knödlseder Jürgen	06/13/2013 06:02 PM		0
2451	ctools	Change request	New	Normal	Expand energy range for spectrum generation to the maximum for multiple observations	Knödlseder Jürgen	06/18/2018 12:43 PM		0
2194	ctools	Change request	In Progress	Normal	Exposure keyword	Knödlseder Jürgen	01/23/2018 05:00 PM		10
1614	ctools	Feature	New	Normal	Extend ctools unit tests		02/08/2016 10:07 PM		0
2037	LabInvent (InventIrap)	Feature	New	Normal	FEATURE/ AUTHENTIFICATION ET AUTORISATIONS (ACL)		05/02/2017 03:40 PM		0
2050	LabInvent (InventIrap)	Action	New	Normal	acl configurables - rendre les autorisations configurables via une table de config dans la BD et un formulaire web permettant de le modifier	Ajas Thibault	05/02/2017 03:01 PM		0
2035	LabInvent (InventIrap)	Feature	New	Normal	FEATURE/ EMPRUNT		05/02/2017 03:40 PM		0
2038	LabInvent (InventIrap)	Feature	New	Normal	FEATURE/ ETIQUETTES (ruban)		05/04/2017 03:04 PM	SPRINT #2 (v2.6)	0
2105	LabInvent (InventIrap)	Action	New	Low	Etiquettes - installer etiqueteuse sur Mac	Pallier Etienne	05/04/2017 03:04 PM	SPRINT #2 (v2.6)	0
2103	LabInvent (InventIrap)	Action	New	Normal	Etiquettes - installer etiqueteuse sur Win7 et Win10 et expliquer la procédure sur wiki-install (donner aussi url vers logiciel dymo DLS)	Ajas Thibault	05/04/2017 03:04 PM	SPRINT #2 (v2.6)	0
2104	LabInvent (InventIrap)	Action	New	Low	Etiquettes - installer etiqueteuses sur les postes clients		05/04/2017 03:04 PM	SPRINT #2 (v2.6)	0
2072	LabInvent (InventIrap)	Feature	New	Normal	FEATURE/ GENERAL LABINVENT	Ajas Thibault	05/04/2017 03:24 PM		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
2068	LabInvent (InventIrap)	Action	New	Normal	Passage à Php7	Ajas Thibault	05/04/2017 03:23 PM		0
2069	LabInvent (InventIrap)	Action	New	Normal	ROADMAP : Terminer de faire ce qui est dans la roadmap et qui est encore d'actualité (https://projects.irap.omp.eu/projects/inventirap/roadmap)	Ajas Thibault	05/02/2017 03:44 PM		0
2033	LabInvent (InventIrap)	Feature	Resolved	High	FEATURE/ GENERAL LABINVENT 1		05/04/2017 03:13 PM	SPRINT#1 - amélioration installation (v2.5)	100
2046	LabInvent (InventIrap)	Action	Resolved	Normal	Installation - configuration pc Windows, installation VM linux, installation projet (2 instances : une version officielle, et une version dev)	Ajas Thibault	05/04/2017 03:12 PM	SPRINT#1 - amélioration installation (v2.5)	100
2045	LabInvent (InventIrap)	Action	Resolved	High	Pagination - rendre la valeur courante modifiable à volonté et la valeur par défaut configurable	Ajas Thibault	05/04/2017 03:13 PM	SPRINT#1 - amélioration installation (v2.5)	100
2042	LabInvent (InventIrap)	Action	Resolved	High	bugfix - cf fiche buguée avec numéro inventaire IRAP-2070-0001, et date achat 1/1/70, ce qui ne devrait normalement pas être possible !! : https://inventirap.irap.omp.eu/materiels/view/11790	Ajas Thibault	05/04/2017 03:13 PM	SPRINT#1 - amélioration installation (v2.5)	100
2067	LabInvent (InventIrap)	Feature	In Progress	Normal	FEATURE/ GENERAL LABINVENT 2	Ajas Thibault	05/04/2017 04:58 PM	SPRINT #2 (v2.6)	20
2070	LabInvent (InventIrap)	Action	In Progress	Normal	EMAILS - Affiner la fonctionnalité d'envoi automatique des emails	Ajas Thibault	05/04/2017 04:58 PM	SPRINT #2 (v2.6)	25
2098	LabInvent (InventIrap)	Action	Resolved	Normal	EMAIL 1 - l'envoi d'emails doit être désactivé par défaut lors de l'installation	Ajas Thibault	05/04/2017 04:56 PM	SPRINT #2 (v2.6)	100
2100	LabInvent (InventIrap)	Action	In Progress	Normal	EMAIL 2 - on doit pouvoir configurer cette fonctionnalité (et l'activer ou la désactiver)		05/04/2017 04:58 PM	SPRINT #2 (v2.6)	0
2101	LabInvent (InventIrap)	Action	New	Normal	EMAIL 3 - (Demande electroniciens) Ca serait bien que le proprio de la fiche reçoive un email quand l'étiquette est imprimée, ou encore quand la fiche est validée (dans le but qu'il vérifie et complète cette fiche)		05/04/2017 02:33 PM	SPRINT #2 (v2.6)	0
2102	LabInvent (InventIrap)	Action	New	Low	EMAIL 4 - Relance, Rappel d'intervention par email (cf https://projects.irap.omp.eu/projects/inventirap/wiki/Developpement#Rappel-dintervention-par-mail)		05/04/2017 02:36 PM	SPRINT #2 (v2.6)	0
2071	LabInvent (InventIrap)	Action	New	Normal	install AVEC LDAP - Tester et trouver une solution pour qu'on puisse facilement ajouter une personne du LDAP en tant que superadmin (ou au moins expliquer sur le wiki quelle manip faire pour s'en sortir)	Ajas Thibault	05/04/2017 03:09 PM	SPRINT #2 (v2.6)	0
2061	LabInvent (InventIrap)	Feature	New	Normal	FEATURE/ MATERIEL 2		05/04/2017 02:57 PM	SPRINT #2 (v2.6)	0
2065	LabInvent (InventIrap)	Action	In Progress	Normal	Ajouter un champ "Durée de garantie" sur la fiche matériel, et mettre le nom du pc et date fin garantie en rouge quand il n'est plus sous garantie (sauf si la durée de garantie n'est pas précisée)	Ajas Thibault	05/04/2017 02:57 PM	SPRINT #2 (v2.6)	0

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2063	LabInvent (InventIrap)	Action	New	Normal	Ca serait bien que le proprio puisse modifier sa fiche, une fois créée, mais aussi même après qu'elle ait été validée. Attention, la modification post-validation ne peut porter que sur les renseignements techniques complémentaires	Ajas Thibault	05/02/2017 03:19 PM	SPRINT #2 (v2.6)	0
2062	LabInvent (InventIrap)	Feature	New	Normal	FEATURE/ MATERIEL 3		05/02/2017 03:27 PM		0
2066	LabInvent (InventIrap)	Action	New	Normal	Pour la partie administrative, la validation doit permettre l'édition de la fiche officielle d'inventaire transmise à la tutelle. Permettre l'édition de cette fiche (demande urgente).	Ajas Thibault	05/02/2017 03:27 PM		0
2036	LabInvent (InventIrap)	Feature	New	Normal	FEATURE/ SUIVI		05/02/2017 03:40 PM		0
1877	ctools	Support	In Progress	Normal	Fit results differ from MC input for Prod3 IRFs	Knödlseder Jürgen	11/21/2016 11:52 AM		0
267	GammaLib	Bug	New	Normal	FreeBSD requires gmake for compilation		07/03/2012 01:39 AM		0
1085	GammaLib	Feature	New	High	GCTAAeff-classes should have members specifying their valid range		01/21/2014 09:35 AM		0
970	GammaLib	Change request	New	Normal	GCTAObservation::read allocates empty response if no response information is specified		11/02/2013 11:03 PM		0
1516	GammaLib	Feature	New	Normal	GEbounds::contains should also handle non-contiguous energy boundaries		07/23/2015 11:12 PM		0
32	GammaLib	Bug	New	Normal	GFitsTableLlgCol::integer() method is subject to overflow		02/20/2012 05:19 PM		0
2142	GammaLib	Feature	New	Normal	GGti::exclude(tstart,tstop)		07/28/2017 07:30 PM		0
828	GammaLib	Bug	Feedback	Low	GLog prepends date in block of text		01/22/2014 10:04 PM		100
1817	GammaLib	Change request	New	Normal	GLog should regularly update log file		08/08/2016 11:46 AM		0
1747	GammaLib	Feature	New	Normal	GModel for Gamma Ray Spectrum from Dark Matter		03/17/2016 12:02 PM		0
1885	ctools	Support	Feedback	Normal	GModelSpatialRadialProfile class parents changed in branch 1520-dm-profiles ?	Knödlseder Jürgen	12/01/2016 10:20 PM		100
433	GammaLib	Bug	New	Normal	GammaLib check fails on Solaris using the Sun Studio compiler		08/23/2012 01:47 AM		0
1052	GammaLib	Change request	New	Low	GammaLib local sphinx docs sometimes load slowly because they fetch Google fonts and Mathjax online	Deil Christoph	07/19/2014 02:11 AM		0
559	GammaLib	Feature	In Progress	Normal	Create Eclipse C++ code formatting style for gammalib	Deil Christoph	07/19/2014 02:09 AM		0
1098	GammaLib	Bug	New	Normal	Gammalib does not compile on Mac OS X 10.4		06/28/2015 08:36 PM		0
1197	GammaLib	Change request	New	High	Gammlib should check consistency of model and observation xmls	Knödlseder Jürgen	07/21/2014 10:23 PM		0
580	GammaLib	Feature	New	Normal	Generate Linux packages for gammalib and ctools via the Open Build Service	Deil Christoph	11/01/2012 09:59 PM		0
1782	GammaLib	Change request	New	Normal	Get rid of m_value_dtype member in GFitsHeaderCard		06/06/2017 04:20 PM		0

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2173	GammaLib	Change request	New	Normal	Guarantee consistency of Good Time Intervals in the GGti class		10/11/2017 09:01 PM		0
1794	GammaLib	Change request	New	Normal	Handle energy dependent deadtime for CTA		06/17/2016 12:01 PM		0
1307	GammaLib	Action	New	Normal	Implement GCTAResponseCube::npred()	Lu Chia-Chun	07/31/2014 10:31 AM		0
3450	GammaLib	Action	New	Normal	Implement OpenMP support in CTA response cube filling		03/14/2022 12:28 PM		0
2455	GammaLib	Feature	New	Normal	Implement a time dependent spectral model		12/12/2018 11:37 AM		0
3396	GammaLib	Action	New	Normal	Implement analytical gradients for elliptical Gaussian model		03/14/2022 12:28 PM		0
3395	GammaLib	Action	New	Normal	Implement analytical gradients for elliptical disk model		03/14/2022 12:28 PM		0
3394	GammaLib	Action	New	Normal	Implement analytical gradients for point source model		03/14/2022 12:27 PM		0
3391	GammaLib	Action	In Progress	Normal	Implement analytical gradients for radial disk model	Knödlseder Jürgen	03/14/2022 12:26 PM		20
3392	GammaLib	Action	New	Normal	Implement analytical gradients for radial ring model		03/14/2022 12:26 PM		0
3393	GammaLib	Action	New	Normal	Implement analytical gradients for radial shell model		03/14/2022 12:27 PM		0
1038	ctools	Feature	New	Normal	Implement ctool to create cube background model from off run list	Deil Christoph	07/19/2014 02:15 AM		0
933	ctools	Action	In Progress	Normal	Implement ctspeccts (or ctspecgen)		11/24/2021 10:44 AM		0
3205	GammaLib	Action	New	Normal	Implement efficient GSPIResponse::irf_diffuse method		04/14/2020 09:48 AM		0
1123	GammaLib	Feature	New	Normal	Implement energy dependent SkyRegion		01/29/2014 05:40 PM		0
1659	GammaLib	Change request	New	Normal	Implement full support for ds9 format in GSkyRegionCircle		02/09/2016 11:41 AM		0
1660	GammaLib	Change request	New	Normal	Implement full support for ds9 format in GSkyRegions		02/09/2016 11:41 AM		0
1001	GammaLib	Feature	New	Normal	Implement general scheme to handle event classes		07/19/2014 02:09 AM		0
3204	GammaLib	Action	New	Normal	Implement generic methods for PSF information		04/13/2020 10:28 AM		0
2382	GammaLib	Feature	New	Normal	Implement parametric CTA background fitting using splines.	Buehler Rolf	03/07/2018 03:14 PM		0
3502	GammaLib	Action	New	Normal	Implement vectorised response computation for Fermi-LAT		03/14/2022 12:29 PM		0
3503	GammaLib	Action	New	Normal	Implement vectorised response computation for SPI		03/14/2022 02:02 PM		0
3405	GammaLib	Action	In Progress	Normal	Implement vectorised response computation for energy dispersion	Knödlseder Jürgen	03/14/2022 12:28 PM		20
1079	GammaLib	Feature	In Progress	Normal	Improve GammaLib unit testing experience		04/24/2014 04:12 PM		10
2461	GammaLib	Change request	New	High	Improve accuracy of response computation for stacked analysis		11/07/2018 02:19 PM		0
2185	ctools	Change request	New	Normal	Improve ctulimit log file output		08/27/2017 10:17 AM		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
3068	GammaLib	Action	New	Normal	Improve precision of background model computation in GCTACubeBackground::fill method		11/15/2019 04:04 PM		0
3070	ctools	Feature	New	Normal	Improve support for simulating realistic pointing strategies		07/14/2020 12:13 AM		0
3433	ctools	Feature	New	Normal	Improve support for source localization and extension fitting	Di Venere Leonardo	03/15/2022 12:49 PM		0
1473	GammaLib	Feature	New	Normal	Improve tracing of exceptions in integration computations		06/08/2015 02:56 PM		0
2235	GammaLib	Change request	New	Normal	Increment software version for each merge into the devel branch		10/20/2017 09:45 AM		0
1493	ctools	Feature	New	Normal	Integral flux and energy flux erros from ctlike		06/30/2015 05:50 PM		0
1176	GammaLib	Change request	New	Normal	Introduce GCTAPointings container class to handle pointing tables		03/13/2014 01:10 PM		0
1284	GammaLib	Feature	New	Normal	Introduce generic GBounds class to handle lists of boundaries		07/16/2014 06:05 PM		0
1515	GammaLib	Change request	New	Normal	Invalid FITS unit string in background cube example file		07/22/2015 09:01 PM		0
1917	GammaLib	Action	New	Normal	Investigate fitting of phase parameters of GModelTemporalPhaseCurve		01/28/2017 11:01 PM		0
591	GammaLib	Feature	In Progress	Urgent	Investigate how GammaLib can be made VO compliant.		10/06/2016 05:41 PM		76
1170	GammaLib	Action	New	High	Add object to coordinate transformation using VO services to GSkyDir	Louge Thierry	12/12/2014 12:35 PM		0
1231	GammaLib	Action	In Progress	Normal	Design and implement GVOTable class		07/31/2017 11:09 PM		80
1448	GammaLib	Action	New	Normal	Investigate the stability of ellipse model fitting		03/18/2015 04:46 PM		0
3608	GammaLib	Feature	New	Normal	Investigate whether HAL HAWC 3ML plugin can be incorporated as new instrument module		04/14/2021 03:21 PM		0
1768	GammaLib	Feature	In Progress	Normal	Investigate whether we can interface GammaLib with NumPy	Knödlseder Jürgen	03/03/2017 10:17 AM		50
4239	ctools	Bug	Feedback	Normal	Mac OS X binary build fails due to access denied exception	Knödlseder Jürgen	03/27/2023 05:59 PM		100
1013	ctools	Change request	New	Normal	Make `ctbin` less strict for the input event lists it accepts?		12/03/2013 09:38 PM		0
2891	GammaLib	Action	New	Normal	Make sure that X-ray data in OGIP format (e.g. XMM-Newton, Chandra) can be digested		07/02/2020 04:30 PM		0
3633	ctools	Action	New	Normal	Make sure that all FITS files have units		04/21/2022 02:28 PM		0
2152	ctools	Action	In Progress	Normal	Make sure that all ctools/cscripts work for non-CTA observations	Knödlseder Jürgen	01/21/2019 03:26 PM		10
1668	GammaLib	Change request	New	Normal	Make sure that all save() methods have a clobber argument		06/06/2017 04:21 PM		0
1866	ctools	Action	New	Normal	Make sure that ctools parameter files and documentation is consistent		01/23/2018 05:01 PM		0
2732	GammaLib	Action	New	Normal	Make sure that energy boundaries for energy dispersion are computed correctly		01/21/2019 03:27 PM		0
3263	ctools	Support	New	Normal	Mapping of seed variables		07/08/2020 10:30 AM		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
413	GammaLib	Bug	New	Normal	Memory conflict when working with GLog clones		10/14/2012 03:05 PM		0
1502	GammaLib	Bug	In Progress	High	Memory leak in GCTAObservation on Mac OS X dependent on m_object member placement	Knödlseder Jürgen	07/03/2015 09:24 AM		30
1253	GammaLib	Action	New	Low	Merge doc/source/user_manual/manual/ pages into the normal user manual		07/09/2014 09:44 AM		0
749	GammaLib	Change request	New	Normal	Move instrument, ontime, livetime and deadc attributes to GObservation base class		01/08/2014 06:04 PM		0
2000	ctools	Bug	New	High	Negative residuals obtained with csresmap		05/23/2017 11:22 PM		0
1295	GammaLib	Action	New	Normal	New branch in GCTAExposure::fill()	Lu Chia-Chun	07/25/2014 05:20 PM		0
3533	ctools	Feature	New	Normal	Nuisance parameters	Hernández Cadena Sergio	02/16/2021 06:25 PM		0
1749	ctools	Feature	New	Normal	Parallelise stacked analysis tools		03/29/2016 09:35 AM		0
1262	GammaLib	Feature	New	Normal	Please add example how to fit a spectrum to flux points		07/10/2014 11:20 AM		0
3131	ctools	Support	New	Normal	Possible cause of error	Knödlseder Jürgen	02/20/2020 03:40 PM		50
2144	GammaLib	Change request	New	Normal	Prevent using an old swig version		07/03/2017 09:28 AM		0
2808	GammaLib	Support	In Progress	Normal	Problem in Swig interface of GModel scale method?	Knödlseder Jürgen	03/06/2019 12:14 PM		10
1117	ctools	Feature	New	Normal	Pulsar phase integration	Giavitto Gianluca	07/19/2014 02:16 AM		0
1530	ctools	Feature	Feedback	Normal	Python Function to Convert GObservations to GCTABackground3D		01/25/2016 05:01 PM		90
2473	GammaLib	Action	New	Normal	Reduce calls to std::acos in model evaluations	Cardenzana Josh	04/27/2018 04:54 PM		0
1289	GammaLib	Change request	In Progress	High	Reduce extensive usage of dynamic_cast.	Knödlseder Jürgen	07/23/2014 08:58 AM		10
1774	GammaLib	Change request	New	Normal	Refactor GCTAOnOffObservation class		04/28/2016 11:33 AM		0
1741	ctools	Feature	In Progress	Normal	Refactor the cscripts to reduce the Sonar issues	Knödlseder Jürgen	03/03/2017 10:34 AM		50
367	GammaLib	Bug	In Progress	Normal	Registries seem not to work when compiled statically on CentOS		08/20/2012 12:19 AM		10
1076	GammaLib	Change request	In Progress	Normal	Remove @GApplicationPars.write@ call from GApplication() destructor?	Deil Christoph	03/13/2014 12:37 PM		0
1698	GammaLib	Change request	New	Normal	Remove default values from Doxygen documentation		02/18/2016 10:18 PM		0
2882	GammaLib	Change request	New	Normal	Reorganise CTA background models		03/14/2022 02:04 PM		0
583	GammaLib	Action	New	Normal	Reserve a good domain name for gammalib / ctools?		11/01/2012 09:55 PM		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
3160	ctools	Support	In Progress	Normal	Residual cosmic-ray background flux with ctmodel and ctexpcube		02/27/2020 01:12 PM		50
610	GammaLib	Feature	New	Normal	Rethink FITS image classes		11/18/2013 08:50 PM		0
1055	GammaLib	Change request	New	Low	Review coding rule: "Output arguments should be passed as pointers"	Knödlseder Jürgen	01/06/2014 12:01 AM		0
1697	GammaLib	Action	New	Normal	Revise documentation of all model classes		02/18/2016 04:33 PM		0
1984	ctools	Feature	New	Normal	Richardson Lucy algorithm	Eschbach Stefan	04/04/2017 10:40 AM		0
589	GammaLib	Bug	New	Normal	Run Valgrind on unit tests?		12/05/2012 11:04 AM		0
1352	ctools	Bug	New	Normal	Running ctobssim in debug mode gives concurrent output of multiple threads		06/30/2015 11:31 PM		0
619	GammaLib	Bug	New	Normal	Segfault in @GPythonTestSuite.test_value()@	Knödlseder Jürgen	12/06/2012 12:54 PM		0
814	ctools	Change request	New	Low	Sensitivity of fit to initial values	Martin Pierrick	10/30/2015 12:19 AM		0
3319	ctools	Action	In Progress	Normal	Shorten ctools unit testing	Knödlseder Jürgen	04/21/2022 02:27 PM	2.1.0	20
1780	GammaLib	Change request	New	Normal	Simplify the FITS image interface		05/30/2016 10:05 PM		0
1718	ctools	Action	New	Normal	Source's photons detected by ctlike		01/25/2018 11:55 PM		0
3537	ctools	Action	New	Normal	Speed-up tutorials		03/15/2022 12:51 PM		0
620	GammaLib	Feature	New	Normal	Stack trace from Python unit tests		12/10/2013 12:18 AM		0
3414	GammaLib	Action	New	Normal	Study impact of spectral model on spatial model if computed under consideration of energy dispersion		10/21/2020 02:41 PM		0
4209	GammaLib	Feature	In Progress	Normal	Study implementation of an alternative BGDLIX algorithm for COMPTEL	Knödlseder Jürgen	03/26/2023 01:30 PM	2.1.0	70
37	GammaLib	Feature	In Progress	Urgent	Support removing and updating of an existing HDU	Knödlseder Jürgen	12/06/2013 12:58 AM		50
1870	ctools	Bug	New	Normal	TS value of large components		08/01/2017 09:48 AM		0
1726	ctools	Feature	New	Normal	Test ctools on MAGIC data	Satalecka Konstancja	03/03/2016 10:38 PM		0
1727	ctools	Action	New	Normal	Write exporter for MAGIC data	Satalecka Konstancja	03/03/2016 10:37 PM		0
1728	ctools	Action	New	Normal	Write exporter for MAGIC response functions	Satalecka Konstancja	03/03/2016 10:38 PM		0
2151	ctools	Feature	New	Normal	Test file content during the unit tests		07/07/2017 11:23 PM		0
874	GammaLib	Feature	New	High	Test gammalib morphology fitting agains other tools	Deil Christoph	10/16/2015 11:23 PM		0
1337	ctools	Bug	New	Normal	The SWIG interface seems to have trouble with objects returned by value		10/15/2014 07:22 AM		0

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
1372	GammaLib	Support	New	Normal	The units of FileFunction		12/04/2014 11:25 AM		0
1833	ctools	Feature	New	Normal	Tool to compute upper limit map		08/01/2016 02:58 PM		0
541	ctools	Feature	New	Normal	Tools for reflected - background method spectra	Deil Christoph	07/19/2014 02:15 AM		0
1355	GammaLib	Change request	New	Low	Try doing the elliptical CTA response computation in a Psf-based system		10/31/2014 01:45 PM		0
3534	ctools	Action	New	Normal	Try to speed-up csphagen	Knödlseder Jürgen	04/21/2022 02:29 PM		0
260	GammaLib	Bug	New	Urgent	Ubuntu 12.04: can not locate the readline and ncurses libraries	Knödlseder Jürgen	01/16/2018 12:41 PM		0
1385	GammaLib	Bug	New	Normal	Unable to find shared cfitsio library if directory is not in LD_LIBRARY_PATH		12/11/2014 08:43 PM		0
1101	GammaLib	Bug	New	Normal	Unit test fail sporadically		01/24/2014 10:32 AM		0
3178	ctools	Support	In Progress	High	Unusual clustering of results around 2 sigma significance		07/08/2020 10:14 AM		10
1974	ctools	Feature	New	Normal	Use OpenMP to parallelize computation in ctbkgcube		03/18/2017 01:01 PM		0
1973	ctools	Feature	New	Normal	Use OpenMP to parallelize computation in ctedispcube		03/18/2017 01:00 PM		0
1971	ctools	Feature	New	Normal	Use OpenMP to parallelize computation in ctexpcube		03/18/2017 01:00 PM		0
1972	ctools	Feature	New	Normal	Use OpenMP to parallelize computation in ctpsfcube		03/18/2017 01:00 PM		0
3508	GammaLib	Change request	New	Normal	Use consistent method names for number of rows and columns		03/14/2022 02:04 PM		0
1571	GammaLib	Change request	New	High	Use given detector coordinates in IACTs event lists instead of recomputing them	Knödlseder Jürgen	04/05/2016 03:53 PM		0
1766	GammaLib	Action	New	Normal	Use response table IRF by default for all unit tests		06/06/2017 10:25 PM		0
1002	GammaLib	Action	New	Normal	Use std::vector to hold column pointers in GFitsTable		11/23/2013 01:47 AM		0
1327	GammaLib	Action	New	Low	VERITAS Support	Dickinson Hugh	09/30/2014 07:02 PM		0
3455	ctools	Action	In Progress	Normal	Vectorise ctmodel	Knödlseder Jürgen	03/15/2022 12:50 PM		10
1732	GammaLib	Feature	Feedback	Normal	Work out implications for changing DETX and DETY from sky coordinates to instrument coordinates		10/27/2017 10:06 AM		90
1647	ctools	Feature	New	Normal	Write documentation section: Simulations of IACT data		01/15/2016 03:00 PM		0
2131	GammaLib	Feature	New	Normal	add function to class GHorizDir for skydir->horzdir conversion		06/23/2017 12:58 PM		0
2767	GammaLib	Bug	New	Normal	conda gammalib conflicts with nlesc root		12/12/2018 04:24 PM		0
3766	ctools	Bug	New	Normal	conda install on Ubuntu 20.04 does not work for Python 3.8		09/06/2021 12:55 PM		0
1462	ctools	Bug	New	Normal	configure fails if cfitsio library is not found		06/03/2015 01:56 PM		0
1111	GammaLib	Feature	In Progress	Normal	create GSkyRegionRing class		07/19/2014 02:10 AM		90

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
1883	ctools	Feature	New	Normal	csobsinfo should log UTC times in addition to MJD		11/24/2016 11:38 AM		0
1757	ctools	Change request	In Progress	Normal	cssens should respect previously applied energy cuts (and thresholds)		06/14/2016 04:19 PM		0
1998	ctools	Feature	New	Normal	cssmoothmap - add new tool to implement map smoothing		04/11/2017 12:45 PM		0
1499	ctools	Feature	New	Normal	csspec to produce count spectrum		03/03/2017 10:33 AM		0
2174	ctools	Bug	New	Normal	cstsmapsplit does not work properly when it is initialized using an observation container		06/04/2022 09:00 PM		0
1812	ctools	Change request	New	Normal	csworkflow debug=yes should print tool output right away		07/18/2016 11:12 PM		0
1968	ctools	Support	In Progress	Normal	ctbin and ctmodel don't match up	Knödlseder Jürgen	04/14/2017 06:43 PM		10
2768	ctools	Bug	New	High	ctbkgcube / Polynom RadialAcceptance		07/15/2020 08:20 PM		0
3317	ctools	Bug	New	Normal	ctbkgcube aborts if no background model is found		06/04/2022 08:58 PM		0
2769	ctools	Change request	New	Normal	ctfindvar should support a general background model		12/11/2018 02:26 PM		0
2096	ctools	Change request	New	Normal	ctlike is very slow when a mapcube is used in the xml model		05/24/2017 04:19 PM		0
1869	ctools	Bug	New	Normal	ctlike sometimes provides strongly negative TS values		08/01/2017 09:48 AM		0
1952	ctools	Feature	New	Normal	ctool for 1d counts vs models profile		04/05/2017 07:35 PM		0
1663	ctools	Feature	In Progress	Normal	ctool to simulate events for a given obsdef and model?		02/12/2016 03:50 PM		30
1370	ctools	Bug	In Progress	High	ctools 00-08-00 'make check' errors and failed test macros	Knödlseder Jürgen	03/13/2017 12:23 PM		50
1925	ctools	Support	New	Normal	ctools flux points and upper limits		04/05/2017 10:23 AM		0
1606	ctools	Bug	In Progress	Normal	ctools make check fails		12/19/2015 01:02 AM		10
1921	ctools	Change request	New	Normal	ctselect on observation definition file should remove empty observations from container		02/03/2017 12:37 PM		0
1713	ctools	Change request	New	Normal	ctselect should write full paths into the outobs XML file		02/24/2016 09:56 PM		0
2143	ctools	Feature	New	Normal	ctselect: Galactic coordinates option	Cardenzana Josh	08/02/2017 11:34 AM		0
632	ctools	Change request	New	Normal	ctselect: Two FITS files are created when using a single observation in XML input file		12/14/2012 02:26 PM		0
1007	ctools	Bug	In Progress	Normal	ctskymap and ctbin give unhelpful error messages about GSkymap::operator(GSkyPixel&,int&)	Knödlseder Jürgen	11/29/2013 10:34 PM		50
280	GammaLib	Bug	New	Normal	curses library not correctly detected on openSolaris 11		07/05/2012 11:31 PM		0
1939	GammaLib	Support	New	Normal	custom model skymap		06/07/2017 12:47 AM		0
3539	ctools	Support	In Progress	Urgent	cutlimit to averaged velocity cross section	Tibaldo Luigi	02/15/2021 08:46 AM		90

#	Project	Tracker	Status	Priority	Subject	Assigned To	Updated	Target version	% Done
2132	GammaLib	Feature	New	Normal	functions to load event lists and irfs from file handle (instead of by filename)		07/28/2017 07:56 PM		0
1926	GammaLib	Support	New	Normal	gammalib and ctools installation		02/10/2017 12:15 PM		0
2697	GammaLib	Bug	New	Normal	gammalib make checks fails on MacOS		11/06/2018 09:48 AM		0
1124	GammaLib	Action	New	Normal	implement region rotation		03/11/2016 06:08 PM		0
2687	ctools	Support	New	Normal	make check does not seem to check the software		09/25/2018 11:59 AM		0
2129	GammaLib	Bug	New	Normal	make check uses installed library and not the built one		06/22/2017 09:48 AM		0
358	ctools	Bug	New	Normal	openSolaris does not accept -n option in echo command	Knödlseder Jürgen	07/21/2012 11:37 PM		0
2854	ctools	Feature	New	Normal	pdf version of documentation		06/02/2022 07:57 AM		0
2117	GammaLib	Support	New	Normal	point source spectrum of ctmodel doesn't match ctbin		06/07/2017 12:43 AM		0
1509	GammaLib	Bug	New	Normal	python unicode strings raise exceptions for c++ methods that require std::string arguments		07/09/2015 12:36 PM		0
2291	ctools	Bug	In Progress	Normal	reading observations from list crashes when there is a blank line at end of a obsdef text file	Knödlseder Jürgen	01/25/2018 11:55 PM		0
1438	ctools	Bug	New	Low	root2psf_king() in cta_root2caldb.py produces bad fits		03/10/2015 02:42 PM		0
897	ctools	Feature	New	Normal	store covariance matrix in log file		05/30/2013 11:37 AM		0
2058	LabInvent (InventIrap)	Story	New	Normal	story1		05/02/2017 03:05 PM		0
2060	LabInvent (InventIrap)	Technical Story	New	Normal	tech story1		05/02/2017 03:07 PM		0