

BornAgain - Issues

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
36	Feature	Archived	Normal	Comparison with IsGisaxs: example ex-10	herck	Sprint 3	pospelov	02 Jul 2012 18:00
628	Feature	Archived	Normal	Implement call back from Simulation to the ProgressBar of JobQueueView	pospelov	Sprint 20	pospelov	11 Apr 2014 13:51
117	Feature	Archived	Normal	IsGISAXS 8 example	herck	Sprint 7	herck	29 Nov 2012 12:39
1524	Refactoring	Archived	Normal	"FitSuite" currently used in two different meanings	wuttke	Sprint32	wuttke	11 Nov 2016 14:48
2330	Bug	Resolved	Normal	"Save" fails when there are Cyrillic characters on the path.	pospelov	Sprint 41	juan	24 Jul 2019 15:28
1644	Documentation	Rejected	Normal	"User Login" block on homepage should explain _why_ to create account			wuttke	15 Sep 2017 12:37
2192	Envelope task	Archived	Normal	1D data import functionality		Sprint 41	dmitry	07 May 2019 17:49
2153	Bug	Rejected	Normal	3D view crashes on rotated 1D interference function	pospelov	Sprint 38	pospelov	24 Sep 2018 12:45
2265	Bug	Resolved	Normal	3D view incorrectly represents particle positions for layouts connected to deeper layers	pospelov	Sprint 40	herck	11 Feb 2019 13:56
2097	Refactoring	Resolved	Normal	3D view: create PrototypeController to speed up 3D view when number of particles is large	anikhalder	Sprint 38	pospelov	31 Jul 2018 10:13
2082	Feature	Resolved	Normal	3D view: implement 1D interference function	anikhalder	Sprint 38	pospelov	15 Jun 2018 13:11
2084	Feature	Resolved	Normal	3D view: implement mesocrystal		Sprint 39	pospelov	06 Dec 2018 19:14
2070	Feature	Resolved	Normal	3D view: modify default particle density of GUI examples to look reasonable in 3D view	herck	Sprint 38	pospelov	09 Aug 2018 15:18
2071	Feature	Resolved	Normal	3D view: profile 3D view for performance when number of particles is large	pospelov	Sprint 38	pospelov	14 Jun 2018 15:12
2083	Feature	Resolved	Normal	3D view: provide selective view update		Sprint 38	pospelov	31 Jul 2018 10:11
2294	Feature	Resolved	Normal	3DView: provide button to save image	juan		ganeva	15 May 2019 18:06
1423	Bug	Resolved	Normal	== eliminate warnings ==			wuttke	13 Jun 2016 13:06
1714	Feature	Rejected	Normal	== Enhance functionality ==			wuttke	18 Sep 2020 23:17
1645	Feature	Rejected	Normal	== Graded layer and cross-layer particles ==			wuttke	18 Sep 2020 18:17
1362	Feature	Rejected	Normal	== Mac build ==			wuttke	18 Sep 2020 22:59
1363	Feature	Rejected	Normal	== Unix build ==			wuttke	16 Oct 2017 09:27
1361	Feature	Rejected	Normal	== Win build ==			wuttke	15 Sep 2017 12:46
601	Feature	Rejected	Normal	=== Investigate OpenMP/MPI/GPU ===			pospelov	22 Jul 2016 09:00
1606	Envelope task	Archived	Normal	=== Manual and Examples ===			wuttke	16 Nov 2016 18:01
1534	Feature	Rejected	Normal	=== Parameter handling ===			wuttke	28 Nov 2018 13:22
1403	Bug	Resolved	Normal	absence of gsl.h not detected by cmake			wuttke	12 Apr 2016 12:42
1409	Feature	Archived	Normal	accelerate Ripple1	wuttke	Sprint 31	wuttke	04 Jul 2016 11:23
2267	Feature	Resolved	Normal	Activate polarized sans	herck	Sprint 40	herck	24 Jan 2019 15:00
1920	Feature	Resolved	Normal	Adapt BornAgain GUI for 4k displays			pospelov	24 Jun 2020 15:31

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2412	Feature	Resolved	Normal	Adapt computation engine for polarized ToF reflectometry	dmitry		dmitry	20 Nov 2019 14:12
311	Documentation	Resolved	Normal	Adapt local python script for plotting data	herck	Sprint 15	herck	08 Jul 2013 09:51
846	Documentation	Archived	Normal	Adapt manual to new constructor for InterferenceFunction2DLattice	herck	Sprint 24	herck	28 Oct 2014 13:28
106	Feature	Archived	Normal	Adapt TestMesoCrystal2: use ISampleBuilder	herck	Sprint 6	herck	19 Oct 2012 16:39
986	Documentation	Resolved	Normal	Add (uncomment) short references to form factor pages			wuttke	18 Sep 2020 17:04
1902	Feature	Resolved	Normal	Add 1D detector for specular simulations	dmitry	Sprint 36	dmitry	24 Nov 2017 12:36
1259	Feature	Archived	Normal	Add 1D lattice interference function to GUI	herck	Sprint 30	herck	15 Feb 2016 16:01
2103	Feature	Resolved	Normal	Add 3D interference function	herck	Sprint 38	herck	29 Jun 2018 18:45
175	Feature	Archived	Normal	Add all IsGISAXS examples to python functional tests	celine	Sprint 11	pospelov	18 Mar 2013 14:41
1908	Feature	Resolved	Normal	Add background option to GUI	herck	Sprint 36	herck	29 Nov 2017 16:02
129	Testing	Archived	Normal	Add Beam, Detector, Experiment Unit tests	pospelov	Sprint 7	pospelov	29 Nov 2012 12:39
2278	Feature	Resolved	Normal	Add Debye Waller factor for 1D and 2D lattice	herck	Sprint 40	herck	11 Jan 2019 16:59
455	Documentation	Archived	Normal	Add demos into Examples/python section		Sprint 17	pospelov	15 Nov 2013 13:01
496	Documentation	Rejected	Normal	Add description of the covered functionality			ganeva	21 Jan 2015 15:02
109	Feature	Archived	Normal	Add detector resolution parameters as fitting parameters in GISASExperiment	herck	Sprint 6	herck	19 Oct 2012 16:39
327	Feature	Resolved	Normal	Add DWBA for magnetic particles	herck	Sprint 15	herck	23 Aug 2013 17:09
28	Feature	Archived	Normal	Add DWBA section to Nanoparticles part of NSTheory	herck	Sprint 3	herck	02 Jul 2012 18:00
386	Feature	Rejected	Normal	Add extra functionality for neutron polarization			herck	18 Sep 2020 16:32
1906	Feature	Resolved	Normal	Add functional test for specular simulation	dmitry	Sprint 36	dmitry	28 Nov 2017 14:12
767	Feature	Rejected	Normal	Add functionality into MinimizerFactory::printCatalogue.			pospelov	15 Jun 2016 10:43
1785	Feature	Resolved	Normal	Add graded layer approximation to GUI	herck	Sprint 33	herck	18 Sep 2020 18:14
2144	Documentation	Rejected	Normal	Add information on website for graded layer approximation			herck	18 Sep 2020 16:03
1063	Feature	Archived	Normal	Add item in drupal troubleshooting section explaining conflict with previous BornAgain installation	pospelov	Sprint 27	pospelov	10 Jun 2015 18:19
1062	Feature	Archived	Normal	Add item in drupal's troubleshooting section explaining possible interference between BornAgain and Mantid on MacOS	pospelov	Sprint 27	pospelov	10 Jun 2015 18:19
324	Feature	Resolved	Normal	Add magnetic materials	herck	Sprint 15	herck	19 Jul 2013 13:46
126	Feature	Archived	Normal	Add mask creators for OutputData objects	herck	Sprint 8	herck	14 Jan 2013 10:01
2428	Feature	Resolved	Normal	Add Nevot-Croce roughness model	rbeerwerth	Sprint 43	pospelov	16 Apr 2020 15:32
329	Feature	Resolved	Normal	Add new cmake build configuration to TeamCity	pospelov	Sprint 15	pospelov	26 Jul 2013 16:00
323	Feature	Resolved	Normal	Add polarization state to Beam	herck	Sprint 15	herck	17 Jul 2013 17:25
1098	Documentation	Rejected	Normal	Add Python examples Interference2DLatticeSumOfRotated and TriangularRipple to Drupal			herck	15 Sep 2017 11:30

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1658	Bug	Resolved	Normal	add qt5-svg as a dependency		Sprint 33	jmfisher	01 Dec 2016 13:08
922	Feature	Archived	Normal	Add slicing to IntensityDataFunctions	pospelov	Sprint 29	ganeva	03 Nov 2015 10:01
979	Feature	Archived	Normal	Add standard GNU options -v --version to command bornagain	pospelov	Sprint 27	wuttke	10 Jun 2015 18:20
1517	Documentation	Archived	Normal	Add the case with missed msvc2015 runtime library on Windows systems to the troubleshooting section	herck	Sprint32	pospelov	11 Nov 2016 14:48
1831	Documentation	Resolved	Normal	Add top cap removal parameterization to documentation of truncated sphere and spheroid form factor	herck	Sprint 38	herck	02 Aug 2018 18:00
29	Feature	Archived	Normal	Add tracking of CPU time for different functional tests	pospelov	Sprint 2	pospelov	31 May 2012 16:23
962	Feature	Resolved	Normal	Adjust debian packaging	ganeva		ganeva	16 Apr 2015 16:47
76	Feature	Resolved	Normal	Advertising feature: number of lines of code as a function of time	pospelov	Sprint 5	pospelov	07 Aug 2012 16:43
1497	Refactoring	Rejected	Normal	Agree on new Core directory structure and class renaming to Rename certain classes and methods.		Sprint32	pospelov	03 Aug 2016 10:19
1860	Feature	Resolved	Normal	Allow for instrument resolution in specular calculations	dmitry	Sprint 36	dmitry	30 Jan 2018 11:33
1669	Feature	Resolved	Normal	Allow for multiple form factors (dwba or not) in FromFactorWrapper and rename accordingly	herck	Sprint 33	herck	18 Sep 2020 18:13
2141	Feature	Resolved	Normal	Allow for SLD fitting in GUI	dmitry	Sprint 39	dmitry	27 Nov 2018 14:43
2142	Feature	Resolved	Normal	Allow material tuning in real time view	dmitry	Sprint 39	pospelov	15 Nov 2018 10:33
823	Feature	Archived	Normal	Allow multiple ILayout objects per layer	herck	Sprint 24	herck	28 Oct 2014 13:28
2207	Feature	Resolved	Normal	Allow multiplying/dividing data columns by constant factor in CsvImportAssistant	juan	Sprint 39	dmitry	30 Nov 2018 16:39
2222	Feature	Resolved	Normal	Allow scientific notation in tuning parameter tree	dmitry	Sprint 39	dmitry	23 Nov 2018 12:29
501	Documentation	Archived	Normal	API reference for manual	pospelov	Sprint 18	herck	20 Dec 2013 11:15
845	Feature	Archived	Normal	API: remove Lattice2DIFParameters from InterferenceFunction2DLattice constructor and implement static creators for square and hexagonal lattice IF's	herck	Sprint 24	herck	28 Oct 2014 13:28
243	Bug	Rejected	Normal	App/App produces tons of warnings			wuttke	25 Mar 2013 19:58
2167	Bug	Resolved	Normal	Application crash on attempt to load txt.gz file from GUI	juan	Sprint 39	dmitry	10 Oct 2018 13:43
2169	Bug	Resolved	Normal	Application crash on fitting job	pospelov	Sprint 38	pospelov	28 Sep 2018 12:28
2171	Bug	Resolved	Normal	Application crash on switch between fitting and simulation jobs for specular simulation	dmitry	Sprint 38	dmitry	27 Sep 2018 12:59
1951	Feature	Rejected	Normal	Apply new unit conversion machinery for SpecularSimulation	dmitry	Sprint 36	dmitry	15 Feb 2018 17:31
2219	Bug	Resolved	Normal	Appveyor build crash during unit text execution	pospelov	Sprint 39	pospelov	13 Nov 2018 18:02
1767	Feature	Rejected	Normal	array operations for python custom form factor			jmfisher	15 Sep 2017 12:28
611	Feature	Archived	Normal	Attach drag&drop view to the underlying QStandardItemModel	pospelov	Sprint 20	herck	11 Apr 2014 13:51
597	Feature	Resolved	Normal	Attach Instrument view to session model	pospelov	Sprint 21	pospelov	30 May 2014 12:57

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612	Feature	Archived	Normal	Attach Property Editor View to the underlying QStandardItemModel	herck	Sprint 20	herck	11 Apr 2014 13:51
1538	Refactoring	Rejected	Normal	AttLimits::isInRange(value) returns true for value==m_lower_limit, and false for value==m_upper_limit			wuttke	15 Sep 2017 12:17
135	Feature	Archived	Normal	Automatic detection of too large bin sizes	herck	Sprint 8	herck	14 Jan 2013 10:01
9	Feature	Archived	Normal	Automatic Makefile generation for multi-project.	pospelov	Sprint 2	pospelov	31 May 2012 16:23
1456	Refactoring	Rejected	Normal	Automatize update of Py Examples			wuttke	28 Nov 2016 17:05
2168	Bug	Resolved	Normal	Autosave leads to the GUI crash at certain conditions	pospelov	Sprint 38	pospelov	25 Sep 2018 15:59
1886	Bug	Rejected	Normal	Average materials do not work if more than one layout is connected to the layer	herck	Sprint 36	ganeva	15 Nov 2017 13:00
608	Feature	Archived	Normal	Basic QStandardItemModel structure	herck	Sprint 20	herck	11 Apr 2014 13:51
2076	Bug	Resolved	Normal	Beam distribution editors are not updating on parameter change	pospelov	Sprint 38	pospelov	19 Jun 2018 16:57
1400	Documentation	Archived	Normal	blender: paint dodecahedron and icosahedron	pospelov	Sprint 31	wuttke	04 Jul 2016 11:23
2111	Feature	Resolved	Normal	Boost: remove chrono dependency	dmitry	Sprint 38	pospelov	13 Jul 2018 18:09
2110	Feature	Resolved	Normal	Boost: remove date_time dependency	dmitry	Sprint 38	pospelov	13 Jul 2018 18:09
2113	Feature	Resolved	Normal	Boost: remove regex dependency	herck	Sprint 38	pospelov	13 Jul 2018 16:20
2055	Bug	Rejected	Normal	BornAgain cannot fit multiple datasets if sample is created with sample builder			dmitry	11 Dec 2018 14:35
1989	Bug	Rejected	Normal	BornAgain crash after loading different project	herck	Sprint 36	herck	28 Feb 2018 17:30
1092	Bug	Archived	Normal	BornAgain crashes when connecting ParticleCoreShell to ParticleDistribution	herck	Sprint 28	herck	31 Jul 2015 14:50
1292	Bug	Resolved	Normal	BornAgain does not build on mac os x (unittest SpecialFunctionsTest.csinc failure)	wuttke		ganeva	02 Feb 2016 14:15
1288	Bug	Resolved	Normal	BornAgain does not compile on mac os x (problem with constexpr ... sqrt)	wuttke		ganeva	02 Feb 2016 11:04
1973	Bug	Rejected	Normal	BornAgain functional tests fail under Python 3.6		Sprint 36	dmitry	21 Feb 2018 14:56
2198	Bug	Resolved	Normal	BornAgain GUI on certain Win10 stays collapsed on taskbar	pospelov	Sprint 39	pospelov	06 Dec 2018 10:47
1885	Feature	Resolved	Normal	BornAgain GUI should open a project even if image files are missing	pospelov	Sprint 36	ganeva	14 Dec 2017 17:22
1976	Bug	Resolved	Normal	BornAgain GUI style in Windows and MacOS is not flat anymore in Qt5.10	pospelov	Sprint 36	pospelov	23 Feb 2018 17:46
1981	Bug	Resolved	Normal	BornAgain GUI: cannot fit beam parameters with distributions	dmitry	Sprint 36	ganeva	01 Mar 2018 13:54
1979	Bug	Resolved	Normal	BornAgain GUI: cannot fit the constant background	dmitry	Sprint 36	ganeva	28 Feb 2018 13:57
1091	Bug	Archived	Normal	BORNAGAIN_APP flag does not automatically build 'App'	herck	Sprint 27	herck	10 Jun 2015 18:19
2036	Feature	Resolved	Normal	Bring the appearance of specular simulation to compliance with GISAS/Off-Spec job views	dmitry	Sprint 37	dmitry	24 Apr 2018 11:09
74	Bug	Resolved	Normal	Bug: calculation of roughness depends from the output data binning	pospelov	Sprint 5	pospelov	09 Aug 2012 13:10
159	Bug	Archived	Normal	Bug: Test fitting3 is broken	pospelov	Sprint 9	pospelov	01 Feb 2013 17:11

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7	Feature	Archived	Normal	Build unit tests for OutputData and NamedVector	herck	Sprint 1	herck	31 May 2012 16:21
431	Feature	Archived	Normal	Build: provide thisbornagain.sh to set system PATHs to the installation directory	pospelov	Sprint 17	pospelov	15 Nov 2013 13:01
1489	Refactoring	Rejected	Normal	Build: refactor fix_apple_bundle for the production of MacOS installer			pospelov	01 Mar 2018 16:17
1348	Configuration	Rejected	Normal	Buildbot: install agent on scgmini and attach Mavericks/Yosemite/El Capitan vagrant boxes			pospelov	01 Jul 2016 14:46
1350	Configuration	Archived	Normal	Buildbot: provide set of configurations for buildbot-based BornAgain's builds	herck	Sprint 31	pospelov	04 Jul 2016 11:24
1349	Feature	Rejected	Normal	Buildbot: provide tutorial how to add new build configuration: Linux			pospelov	15 Sep 2017 12:46
1481	Configuration	Rejected	Normal	Buildbot: provide tutorial how to add new build configuration: MacOS			herck	15 Sep 2017 12:15
1480	Configuration	Rejected	Normal	Buildbot: provide tutorial how to add new build configuration: Windows			herck	15 Sep 2017 12:15
256	Feature	Archived	Normal	Building: prevent build failure in the case of ROOT is absent on the system	pospelov	Sprint 12	pospelov	11 Apr 2013 10:04
2125	Bug	Resolved	Normal	Calculation of maximum reciprocal lattice points to consider for 2d lattice is wrong	herck	Sprint 38	herck	27 Jul 2018 16:46
2161	Bug	Resolved	Normal	Cancel of runnig job doesn't work properly	pospelov	Sprint 38	pospelov	25 Sep 2018 15:59
1991	Bug	Resolved	Normal	Cannot add real data to off-specular instrument	dmitry	Sprint 37	dmitry	26 Apr 2018 18:35
1040	Feature	Archived	Normal	Change angle units from radians to degrees while exporting from PyGenVisitor	herck	Sprint 27	pospelov	10 Jun 2015 18:20
454	Feature	Archived	Normal	Change behavior of setParameterValue	pospelov	Sprint 18	pospelov	20 Dec 2013 11:15
264	Feature	Resolved	Normal	Change conventions (feedback from GISS Workshop)	herck	Sprint 15	herck	19 Jul 2013 16:22
1268	Refactoring	Archived	Normal	Change phi angle convention	herck	Sprint 30	pospelov	15 Feb 2016 16:01
2220	Testing	Resolved	Normal	Change unit test run order	pospelov	Sprint 39	pospelov	16 Nov 2018 08:59
1985	Bug	Resolved	Normal	Changing parameter in realtime view switches back to fitview	herck	Sprint 36	herck	28 Feb 2018 11:57
1774	Feature	Resolved	Normal	Check and document best way of handling magnetic materials under rotations	herck	Sprint 33	herck	09 Mar 2017 17:21
416	Refactoring	Archived	Normal	CHeck and fix //TODO's and //FIXME's	herck	Sprint 18	herck	20 Dec 2013 11:15
891	Documentation	Archived	Normal	Check and fix examples	ganeva	Sprint 25	ganeva	30 Jan 2015 13:31
1013	Testing	Archived	Normal	Check consistency of depth and abundance between GUI and core	herck	Sprint 28	herck	31 Jul 2015 14:50
855	Feature	Archived	Normal	Check implementation of radial averaging for paracrystal	herck	Sprint 25	celine	30 Jan 2015 13:31
581	Refactoring	Archived	Normal	Check naming of the coherence length	herck	Sprint 22	ganeva	31 Jul 2014 16:07
830	Refactoring	Archived	Normal	Check pass by value for Eigen matrices of fixed size	herck	Sprint 25	herck	30 Jan 2015 13:31
335	Feature	Archived	Normal	Check Python 3 compatibility		Sprint 31	pospelov	04 Jul 2016 11:23
1043	Bug	Archived	Normal	Check R,T coefficients provided by SpecularSimulation class	herck	Sprint 26	pospelov	21 Apr 2015 17:01
14	Feature	Resolved	Normal	Choose platform-independent build system		Sprint 16	herck	19 Sep 2013 10:17
1270	Refactoring	Archived	Normal	Clarify and refactor different naming properties of ParameterizedItem	herck	Sprint 30	herck	15 Feb 2016 16:01

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1609	Testing	Resolved	Normal	Clarify relation between PyPersistence tests and tutorial examples	pospelov	Sprint 34	pospelov	05 May 2017 09:35
1532	Refactoring	Rejected	Normal	clarify relation of PoIDWBAMagCylinders2 and StandardSimulations/StandardSimulations.h/cpp to standard Core function tests			wuttke	15 Sep 2017 12:16
262	Refactoring	Rejected	Normal	clarify semantics of INamed			wuttke	17 May 2013 14:03
2374	Feature	Resolved	Normal	Clean Functionality to Import Typical Reflectometry ASCII Formats	juan	Sprint 41	juan	03 Jun 2019 11:57
1784	Refactoring	Resolved	Normal	Clean up code after implementation of graded layer approximation	herck	Sprint 33	herck	18 Sep 2020 18:14
905	Documentation	Archived	Normal	Clean up doxygen documentation	pospelov	Sprint 25	pospelov	30 Jan 2015 13:31
522	Refactoring	Archived	Normal	Clean up in App and FunctionalTests	pospelov	Sprint 18	pospelov	20 Dec 2013 11:15
621	Documentation	Rejected	Normal	Clean up OpenGrok code browser			pospelov	21 Jan 2015 15:16
239	Documentation	Archived	Normal	clean up redmine		Sprint 13	wuttke	11 Apr 2013 13:18
1236	Refactoring	Archived	Normal	Clean up remote git branches	herck	Sprint 30	herck	15 Feb 2016 16:01
1217	Refactoring	Archived	Normal	Cleanup App directory from all obsolete code	wuttke	Sprint 31	pospelov	04 Jul 2016 11:23
1999	Documentation	Resolved	Normal	Cleanup redmine wiki			pospelov	18 Sep 2020 18:18
1589	Documentation	Archived	Normal	Clone drupal website	herck	Sprint32	herck	11 Nov 2016 14:48
332	Testing	Resolved	Normal	cmake build in Ubuntu and corresponding how to in the documentation	pospelov	Sprint 15	pospelov	22 Jul 2013 15:43
1896	Bug	Rejected	Normal	cmake does not detect missing libboost-iostreams-dev			wuttke	21 Nov 2017 14:58
826	Bug	Archived	Normal	cmake fails under Debian/testing; problem with Python	pospelov	Sprint 24	wuttke	28 Oct 2014 13:28
2010	Bug	Resolved	Normal	cmake should notify user if eigen3 is not found	dmitry	Sprint 37	ganeva	09 Apr 2018 09:24
1402	Envelope task	Archived	Normal	cmake tasks (OS independent)			wuttke	02 Jun 2016 19:08
2511	Bug	Resolved	Normal	CMake: FindCERF.cmake behaves inconsistent	mpuchner		mpuchner	09 Dec 2020 12:05
337	Feature	Rejected	Normal	cmake: implement CPack generation of tgz archive			pospelov	30 Jul 2013 15:31
2465	Configuration	Resolved	Normal	CMake: more standard find modules for fftw3 and tiff	wuttke	v1.18	wuttke	07 Jul 2020 08:57
1662	Bug	Resolved	Normal	CMake: require Qt version 5.4		Sprint 33	pospelov	01 Dec 2016 14:20
42	Feature	Archived	Normal	Code browsing: Implement automatic nightly doxygen and dedicated web page		Sprint 3	pospelov	08 Oct 2013 10:02
43	Feature	Archived	Normal	Code browsing: Install OpenGrok code browser	felder	Sprint 4	pospelov	06 Aug 2012 09:37
401	Feature	Rejected	Normal	Code cleanup in widgetbox to get rid from private Qt headers			pospelov	02 Feb 2015 09:39
2115	Feature	Resolved	Normal	Code dependencies: replace boost::filesystem by C++17 std::			pospelov	01 Dec 2020 22:29
114	Feature	Archived	Normal	Code quality: fix makefile for compilation under OpenSuse 12.2	pospelov	Sprint 7	pospelov	29 Nov 2012 12:39
58	Feature	Archived	Normal	Code quality: implement automatic profiling with gperftools tool	pospelov	Sprint 4	pospelov	06 Aug 2012 09:37
78	Feature	Rejected	Normal	Code quality: insert App code in doxygen in the form of the group; remove Doc, ThirdParty from grok indexing			pospelov	19 Sep 2013 10:09

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142	Feature	Archived	Normal	Code quality: refactor functional tests to be able to compile standalone tests without ROOT graphics from separate directory	pospelov	Sprint 9	pospelov	01 Feb 2013 17:11
152	Documentation	Archived	Normal	Code quality: run static code analysis round	pospelov	Sprint 8	pospelov	14 Jan 2013 10:01
1428	Refactoring	Archived	Normal	Compactify code that handles parameters (use abstract mechanism instead of treating each single parameter explicitly)	wuttke	Sprint32	wuttke	11 Nov 2016 14:48
2273	Documentation	Resolved	Normal	Comparative overview of existing reflectometry packages	dmitry	Sprint 40	dmitry	17 Jan 2019 12:37
37	Feature	Rejected	Normal	Comparison with experiment: fit sample ex001 from our database			pospelov	18 Dec 2014 16:26
47	Feature	Archived	Normal	Comparison with IsGisaxs: example ex-1	herck	Sprint 3	herck	02 Jul 2012 18:00
75	Feature	Resolved	Normal	Comparison with IsGisaxs: example ex-2 (gaussian distributions in size of nano-particles)	pospelov	Sprint 5	pospelov	21 Aug 2012 16:12
22	Feature	Archived	Normal	Comparison with IsGisaxs: example ex-3	herck	Sprint 2	pospelov	31 May 2012 16:23
51	Feature	Archived	Normal	Comparison with IsGisaxs: example ex-9 (rotated pyramid FF in DWBA)	pospelov	Sprint 4	pospelov	06 Aug 2012 09:37
363	Feature	Resolved	Normal	Compile App using cmake-mingw and cmake-msvc	pospelov	Sprint 16	pospelov	16 Sep 2013 17:56
360	Feature	Resolved	Normal	Compile BornAgainCore and corresponding functional tests	pospelov	Sprint 16	pospelov	26 Aug 2013 17:25
361	Feature	Resolved	Normal	Compile BornAgainFit and corresponding minimizer libraries and functional tests	pospelov	Sprint 16	pospelov	27 Aug 2013 11:31
336	Bug	Resolved	Normal	Compile Error on Ubuntu 12.04	pospelov	Sprint 15	Anonymous	26 Jul 2013 14:09
391	Feature	Resolved	Normal	Compile GUI for windows using cmake-mingw and cmake-msvc	pospelov	Sprint 16	pospelov	20 Sep 2013 13:53
736	Feature	Archived	Normal	Compile GUI under Windows with Qt5.3 and provide installer.	pospelov	Sprint 23	pospelov	28 Aug 2014 11:26
362	Feature	Resolved	Normal	Compile PythonAPI and run python functional tests	pospelov	Sprint 16	pospelov	27 Aug 2013 17:26
546	Documentation	Archived	Normal	Complete Appendix with all form factors listed	celine	Sprint 19	pospelov	07 Feb 2014 16:23
629	Feature	Resolved	Normal	Complete connection between SessionModel and JobQueueModel	pospelov	Sprint 21	pospelov	29 Apr 2014 13:13
613	Feature	Resolved	Normal	Complete correspondence between domain and GUI model objects		Sprint 21	herck	04 Jun 2014 11:25
654	Feature	Resolved	Normal	Complete IsGISAXS01 sample generation from GUI	pospelov	Sprint 21	pospelov	29 Apr 2014 13:12
513	Feature	Rejected	Normal	Composition of transformations			herck	29 Jan 2014 11:10
1075	Feature	Archived	Normal	Cone6 form factor -> analytic	wuttke	Sprint 31	wuttke	04 Jul 2016 11:23
38	Feature	Archived	Normal	Configure TeamCity (build management server)	herck	Sprint 3	herck	02 Jul 2012 18:00
1750	Feature	Rejected	Normal	Consider cleanup of Git repository to make it smaller in size			pospelov	18 Sep 2020 13:53
2165	Feature	Rejected	Normal	Consider disabling x,y offset in ParticleItem menu when they do not affect scattering pattern			pospelov	21 Sep 2018 10:22
1199	Support	Rejected	Normal	Consider implementation of partial structure factor			pospelov	18 Sep 2020 16:58
1516	Bug	Archived	Normal	Consider include of ms-win-runtime library into Windows installer	herck	Sprint32	pospelov	11 Nov 2016 14:48
1873	Feature	Rejected	Normal	Consider incoherent scattering			ganeva	18 Sep 2020 23:41
1748	Refactoring	Rejected	Normal	Consider IParameter storing the data by reference			pospelov	15 Sep 2017 12:28

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1430	Refactoring	Resolved	Normal	Consider moving FormFactor unit tests to a single functional test			pospelov	17 May 2016 14:10
2052	Refactoring	Resolved	Normal	Consider switching to C++17			dmitry	24 Jun 2020 18:29
2121	Testing	Rejected	Normal	Consider using mutation testing			herck	18 Sep 2020 23:41
198	Documentation	Resolved	Normal	Contents for doxygen entry page	wuttke		wuttke	20 Mar 2013 08:39
2127	Feature	Resolved	Normal	Convert functional tests for specular fits to the new FitObjective machinery	dmitry	Sprint 38	pospelov	30 Jul 2018 19:32
965	Documentation	Archived	Normal	convert user manual to xelatex	wuttke	Sprint 26	wuttke	21 Apr 2015 17:01
1031	Documentation	Rejected	Normal	Coordinate system and transformations			a.glavic	18 Sep 2020 17:04
1291	Refactoring	Resolved	Normal	core functional test machinery: simplify, or at least explain	wuttke		wuttke	15 Jun 2016 23:50
2423	Feature	Rejected	Normal	Core: add posterior normalization for reflectivity curves			dmitry	02 Nov 2020 13:09
330	Documentation	Resolved	Normal	Core: beam propagation: take care of kz=0 case appropriately	rbeerwerth	v1.18	herck	27 Oct 2020 11:28
1722	Feature	Rejected	Normal	Core: Beyond DWBA: self-absorption correction			wuttke	02 Nov 2020 13:11
1567	Refactoring	Rejected	Normal	Core: FF: API: omit »FormFactor« from particle geometry class names			wuttke	18 Sep 2020 16:44
2493	Refactoring	Resolved	Normal	Core: get rid of OrderedMap			wuttke	28 Nov 2020 21:19
1717	Bug	Rejected	Normal	Core: GISASSimulation: setBeamParameters and setDetectorParameters have opposite order of alpha, phi			wuttke	18 Sep 2020 16:33
1716	Feature	Rejected	Normal	Core: GISASSimulation::setBeamParameter: default value 0 for third parameter phi_i			wuttke	18 Sep 2020 16:49
2006	Feature	Resolved	Normal	Core: implement instrument type for depth probes (evanescent wave)	dmitry	Sprint 37	pospelov	03 Apr 2018 18:07
409	Refactoring	Rejected	Normal	Core: remove duplicate functions "evaluate" and "evaluatePol"			herck	02 Nov 2020 13:41
1334	Refactoring	Archived	Normal	Core: remove ProgramOptions from the simulation	pospelov	Sprint 31	pospelov	04 Jul 2016 11:23
2455	Refactoring	Resolved	Normal	correct and document Ripple form factors	wuttke	Sprint 43	wuttke	20 May 2020 13:19
2186	Documentation	Resolved	Normal	Correct formula for exponential distribution in manual	herck	Sprint 39	herck	04 Dec 2018 12:01
1582	Refactoring	Resolved	Normal	Correct model for dense particles on surface			a.glavic	18 Sep 2020 18:13
1909	Feature	Resolved	Normal	Correctly provide translation of background to Python/GUI/domain	herck	Sprint 36	herck	30 Nov 2017 18:22
2249	Bug	Resolved	Normal	Crash on fitting SpecularInstrument/Beam/Polarization/X, Y, Z	dmitry	Sprint 39	juan	07 Dec 2018 19:08
2239	Bug	Resolved	Normal	Crash on load of any saved project	pospelov	Sprint 39	pospelov	03 Dec 2018 16:38
2370	Bug	Resolved	Normal	Crash on reflectometry simulation for nonsensible values of theta	juan	Sprint 41	juan	28 May 2019 16:00
1069	Bug	Archived	Normal	Crash when entering parameter out of range in sample view	pospelov	Sprint 27	a.glavic	10 Jun 2015 18:19
2245	Bug	Resolved	Normal	Crash when running simulation with missing instrument	dmitry	Sprint 39	juan	06 Dec 2018 13:14
1338	Bug	Archived	Normal	Crash while saving certain project file	herck	Sprint 31	pospelov	04 Jul 2016 11:23
2328	Bug	Rejected	Normal	Crashing during GISAS fitting		Sprint 41	dmitry	06 May 2019 12:37
2155	Feature	Resolved	Normal	Create and deploy PointwiseAxis for SpecularSimulation	dmitry	Sprint 38	dmitry	27 Sep 2018 12:59
2042	Feature	Resolved	Normal	Create and use icon for finite 2d lattice	pospelov	Sprint 37	herck	28 May 2018 12:51

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
166	Documentation	Rejected	Normal	Create architectural overview documentation			herck	18 Dec 2014 16:25
530	Testing	Archived	Normal	Create AxisBin unit test		Sprint 18	Anonymous	20 Dec 2013 11:15
168	Refactoring	Rejected	Normal	Create class to hold Experiment, SimulationParameters and ISample			herck	29 Jan 2014 11:16
396	Feature	Archived	Normal	Create deb package	ganeva	Sprint 17	wuttke	15 Nov 2013 13:01
794	Feature	Resolved	Normal	Create dmg package			ganeva	02 Sep 2014 11:10
2443	Feature	Resolved	Normal	Create document describing the release procedure.	pospelov	Sprint 43	pospelov	18 Jun 2020 09:51
536	Testing	Archived	Normal	Create FTDististributions unit test		Sprint 18	Anonymous	20 Dec 2013 11:15
460	Support	Archived	Normal	Create git repository for user related info	herck	Sprint 17	pospelov	15 Nov 2013 13:01
1843	Feature	Resolved	Normal	Create icon for MesoCrystal in GUI (widget)	pospelov	Sprint 35	herck	06 Oct 2017 13:23
393	Feature	Archived	Normal	Create Mac installer	ganeva	Sprint 24	pospelov	30 Jan 2015 13:09
537	Testing	Archived	Normal	Create MultiLayer unit test		Sprint 19	Anonymous	07 Feb 2014 16:23
1005	Feature	Resolved	Normal	Create off-specular simulation functional test	pospelov	Sprint 36	pospelov	18 Sep 2020 17:33
1833	Documentation	Resolved	Normal	Create prototype of hugo-based documentation website.	pospelov	Sprint 35	pospelov	21 Sep 2017 11:05
186	Feature	Archived	Normal	Create prototype python scripting for GUI	herck	Sprint 11	herck	18 Mar 2013 14:41
1522	Documentation	Resolved	Normal	Create python example with polarized neutrons and magnetic materials	herck	Sprint 34	pospelov	03 Jul 2017 16:36
395	Feature	Rejected	Normal	Create rpm package			wuttke	15 Sep 2017 11:17
205	Documentation	Resolved	Normal	Create script for patching source code files with info header	wuttke		pospelov	20 Mar 2013 08:09
898	Feature	Archived	Normal	Create setup.py for moving BornAgain libraries into users Python	pospelov	Sprint 25	pospelov	30 Jan 2015 13:31
1838	Feature	Resolved	Normal	Create simplified MesoCrystal user example	herck	Sprint 35	herck	15 Sep 2017 10:55
1753	Feature	Resolved	Normal	Create specular peak user example and functional test.	herck	Sprint 33	pospelov	30 Mar 2017 14:49
440	Documentation	Archived	Normal	Create svg plot representing minimization flow	pospelov	Sprint 17	pospelov	15 Nov 2013 13:01
529	Testing	Archived	Normal	Create TRange unit test		Sprint 18	Anonymous	20 Dec 2013 11:15
2134	Feature	Resolved	Normal	Create translator from numpy arrays to OutputData	dmitry	Sprint 38	dmitry	01 Aug 2018 19:39
1752	Documentation	Archived	Normal	Create tutorial about multiple particle layouts.			pospelov	18 Sep 2020 18:43
1131	Documentation	Resolved	Normal	Create tutorial explaining interference function parameterization	pospelov	Sprint 34	pospelov	18 Sep 2020 17:04
366	Feature	Resolved	Normal	Create windows installer package	pospelov	Sprint 16	pospelov	12 Sep 2013 15:48
2371	Bug	Rejected	Normal	Ctrl+S doesn't work for saving project on win		Sprint 41	dmitry	25 Jul 2019 10:50
403	Bug	Resolved	Normal	Debian unittest failure	pospelov	Sprint 16	ganeva	23 Sep 2013 17:00
285	Feature	Rejected	Normal	decide about Python binding			wuttke	15 May 2013 18:43
1598	Refactoring	Rejected	Normal	decide on policy for incomplete ICompositeSample descendant constructors			wuttke	15 Sep 2017 12:21
1543	Feature	Archived	Normal	decouple FitKernel from FitSuite	wuttke	Sprint32	wuttke	11 Nov 2016 14:48
1691	Feature	Resolved	Normal	Decrease number of warnings produced by Windows build	herck	Sprint 35	pospelov	26 Jul 2017 11:17

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
398	Documentation	Archived	Normal	default installation from tgz; direct only experts to git snapshot		Sprint 17	wuttke	15 Nov 2013 13:01
2073	Feature	Rejected	Normal	Define objectives for Sprint 38		Sprint 38	pospelov	27 Sep 2018 14:02
1278	Refactoring	Archived	Normal	Deprecated declarations by compiling on new systems	herck	Sprint 30	ganeva	15 Feb 2016 16:01
976	Documentation	Resolved	Normal	Derive scalar and polarized wave equation for both X-rays and neutrons, and choose appropriate notation.	wuttke		wuttke	18 Sep 2020 17:11
1058	Documentation	Archived	Normal	Describe how to install BornAgain on mac to user home folder	ganeva	Sprint 27	ganeva	10 Jun 2015 18:19
1061	Refactoring	Archived	Normal	describe or remove morphology mode	herck	Sprint 30	wuttke	15 Feb 2016 16:01
783	Feature	Archived	Normal	Design BornAgain main application icon		Sprint 25	pospelov	30 Jan 2015 13:31
1673	Refactoring	Resolved	Normal	Design proposal for all subtasks under #1645	wuttke		wuttke	18 Sep 2020 18:14
1613	Bug	Rejected	Normal	detector.setPerpendicularToReflectedBeam moves detector in the case of the beam divergence	herck	Sprint32	ganeva	07 Oct 2016 13:23
312	Feature	Resolved	Normal	Develop enough neutron polarization support to simulate samples from S. Disch and A. Klapper	herck	Sprint 15	herck	23 Aug 2013 17:10
325	Feature	Resolved	Normal	Develop MatrixSpecular for magnetic materials	herck	Sprint 15	herck	30 Jul 2013 17:50
328	Feature	Resolved	Normal	Develop roughness calculation for matrix formalism	herck	Sprint 15	herck	12 Jul 2013 13:20
2507	Refactoring	Resolved	Normal	Device/InputOutput: simplify			wuttke	11 Dec 2020 18:00
2472	Refactoring	Resolved	Normal	Disambiguate INamed: class name or object name	wuttke		wuttke	12 Jul 2020 23:07
2128	Bug	Rejected	Normal	Distributed parameter: "None" -- Gives wrong error message	herck	Sprint 38	juan	26 Sep 2018 11:19
1475	Feature	Archived	Normal	DOI for BornAgain	wuttke	Sprint32	ganeva	11 Nov 2016 14:48
1286	Refactoring	Rejected	Normal	don't include each core .h file in each .pypp.cpp file			wuttke	15 Feb 2016 15:37
1104	Documentation	Rejected	Normal	don't use version-dependent URLs in the online docs			wuttke	31 May 2016 11:31
2385	Documentation	Resolved	Normal	Doxygen > User API > group Simulation: too crowded, break into subgroups	wuttke		wuttke	26 Jun 2020 16:31
549	Documentation	Archived	Normal	Doxygen API: review form factors description	celine	Sprint 19	pospelov	07 Feb 2014 16:23
1640	Configuration	Rejected	Normal	Doxygen generation on apps server not compatible anymore with links to API			herck	18 Sep 2020 23:28
641	Feature	Archived	Normal	Drag items to root in treeview	herck	Sprint 20	herck	11 Apr 2014 13:51
1280	Documentation	Archived	Normal	draw tetrahedron as seen from -x	wuttke	Sprint 31	wuttke	04 Jul 2016 11:23
945	Documentation	Rejected	Normal	Drupal: add prototype of new content to represent PythonAPI items			pospelov	14 Sep 2016 15:51
944	Documentation	Archived	Normal	Drupal: add small gallery on Welcome page	pospelov	Sprint 26	pospelov	21 Apr 2015 17:02
1134	Documentation	Archived	Normal	Drupal: describe complex shapes via particle composition	pospelov	Sprint 28	pospelov	31 Jul 2015 14:50
1132	Documentation	Archived	Normal	Drupal: describe particle positioning	pospelov	Sprint 28	pospelov	31 Jul 2015 14:50
1133	Documentation	Archived	Normal	Drupal: describe particle rotation	pospelov	Sprint 28	pospelov	31 Jul 2015 14:50
949	Documentation	Archived	Normal	Drupal: implement tracking of BornAgain downloads number in Google Analytics	pospelov	Sprint 26	pospelov	21 Apr 2015 17:02

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1181	Documentation	Archived	Normal	Drupal: provide fitting example along slices	pospelov	Sprint 29	pospelov	03 Nov 2015 10:00
1182	Documentation	Archived	Normal	Drupal: provide fitting example with simultaneous fit of two datasets	pospelov	Sprint 29	pospelov	03 Nov 2015 10:00
1351	Documentation	Archived	Normal	Drupal: update installation instructions, tutorials for coming release	pospelov	Sprint32	pospelov	28 Nov 2016 14:56
1137	Documentation	Archived	Normal	Drupal: update installation instructions, tutorials for coming release 1.3	pospelov	Sprint 28	pospelov	31 Jul 2015 14:50
1176	Documentation	Archived	Normal	Drupal: update installation instructions, tutorials for coming release 1.4	pospelov	Sprint 29	pospelov	03 Nov 2015 10:00
946	Documentation	Archived	Normal	Drupal: write how to get help and how to request a new feature in FAQ section		Sprint 26	pospelov	21 Apr 2015 17:02
833	Bug	Archived	Normal	Duplicate transformation in Real Time Activity view	pospelov	Sprint 24	herck	28 Oct 2014 13:28
15	Feature	Archived	Normal	DWBA for cylindrical particles	herck	Sprint 1	herck	31 May 2012 16:21
24	Feature	Archived	Normal	DWBA for cylindrical particles inside layer	herck	Sprint 3	herck	02 Jul 2012 18:00
1461	Bug	Resolved	Normal	eliminate g++ warnings	wuttke		wuttke	13 Jun 2016 14:29
1910	Feature	Resolved	Normal	Employ 1D detector and get rid of virtual runSimulation in SpecularSimulation	dmitry	Sprint 36	dmitry	05 Dec 2017 10:44
2177	Feature	Resolved	Normal	Employ PointwiseAxis in the GUI for SpecularSimulations	dmitry	Sprint 39	dmitry	26 Oct 2018 19:36
2095	Feature	Resolved	Normal	Enable averaged layer materials for all IComputations	herck	Sprint 38	herck	25 Jun 2018 18:41
2145	Feature	Rejected	Normal	Enable different axis units for plots in FitObserver			herck	18 Sep 2020 23:27
1969	Feature	Resolved	Normal	Enable distribution of inclination angle in off-specular simulation	herck	Sprint 36	herck	19 Feb 2018 18:17
2413	Feature	Resolved	Normal	Enable polarized reflectometry	dmitry		dmitry	20 Nov 2019 14:12
2346	Feature	Resolved	Normal	Enable qspace visualisation for large inclinations	herck	Sprint 41	herck	09 May 2019 11:41
2065	Feature	Rejected	Normal	Enable roi for off-specular instrument			dmitry	18 Sep 2020 19:53
2449	Feature	Resolved	Normal	Enable Travis MacOS build	pospelov	Sprint 43	pospelov	15 May 2020 17:27
1900	Feature	Rejected	Normal	enable ^X ^C ^V ^Z ^A in GUI			wuttke	29 Nov 2017 08:53
1044	Feature	Rejected	Normal	Encode magnetization of materials instead of total magnetic induction			herck	18 Sep 2020 18:12
1649	Refactoring	Resolved	Normal	Ensure consistent use of ambientMaterial			wuttke	18 Sep 2020 18:17
1919	Bug	Resolved	Normal	Entering negative values for delta/beta in MaterialEditor is not enabled	herck	Sprint 36	herck	08 Dec 2017 13:41
2348	Bug	Resolved	Normal	Example: In python examples, enforce color coding of our choice			wuttke	23 Nov 2020 17:14
2199	Feature	Resolved	Normal	Expand txt-file saving to 1D data	dmitry	Sprint 39	dmitry	26 Oct 2018 19:37
985	Documentation	Rejected	Normal	Explain convolution sign (\otimes) in User Manual			wuttke	18 Sep 2020 17:04
439	Documentation	Archived	Normal	Explain sample parameters paradigm in simulation examples section	pospelov	Sprint 17	pospelov	15 Nov 2013 13:01
2183	Bug	Resolved	Normal	Export to python doesn't add extension to file name	juan	Sprint 39	dmitry	24 Oct 2018 15:33
1454	Refactoring	Resolved	Normal	Export to Python: generated scripts should not require "from bornagain import **"	wuttke		wuttke	14 Jun 2016 10:12
909	Feature	Archived	Normal	Expose MultiLayer's R,T coefficients into Python	pospelov	Sprint 25	pospelov	30 Jan 2015 13:31

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1019	Feature	Resolved	Normal	Extend GUI ParticleDistribution with linked parameters	pospelov	Sprint 39	herck	28 Nov 2018 13:22
659	Documentation	Archived	Normal	Extend introduction of User manual	wuttke	Sprint 26	celine	21 Apr 2015 17:01
1620	Feature	Archived	Normal	Extend numpy support	pospelov	Sprint32	pospelov	11 Nov 2016 14:48
599	Feature	Resolved	Normal	Extend OutputData widget with projections		Sprint 21	pospelov	15 May 2014 11:36
1103	Feature	Rejected	Normal	extend simulation to transmission geometry (detector images with z<0)			wuttke	18 Sep 2020 17:36
2158	Documentation	Resolved	Normal	Extend website with nightly builds to accomodate for early testers			herck	24 Jun 2020 18:32
2089	Refactoring	Rejected	Normal	Extract calculation of region maps out of IComputationTerm		Sprint 38	herck	21 Jun 2018 16:47
902	Documentation	Archived	Normal	Fill functionality overview section in Drupal	celine	Sprint 25	celine	30 Jan 2015 13:31
747	Feature	Archived	Normal	Finalize QuickSimulationView.		Sprint 23	pospelov	28 Aug 2014 11:26
1917	Refactoring	Rejected	Normal	Find a better way to carry specular data from Fresnel map to SpecularSimulation	dmitry	Sprint 36	dmitry	02 Feb 2018 16:13
2218	Feature	Resolved	Normal	Find an intelligent way to handle repeating values in the coordinate vector (reflectivity)	juan	Sprint 39	ganeva	30 Nov 2018 19:37
1574	Bug	Rejected	Normal	Find the way of comfort work in Qt creator in the absence of some headers			pospelov	08 Aug 2016 08:34
2375	Bug	Rejected	Normal	fit along slices example fails to converge			dmitry	18 Sep 2020 15:59
2172	Bug	Resolved	Normal	Fit flow widget doesn't update after fit re-launch	pospelov	Sprint 38	pospelov	28 Sep 2018 12:27
160	Feature	Archived	Normal	Fit mesocrystal data, Episode II	pospelov	Sprint 10	pospelov	20 Feb 2013 16:11
93	Feature	Archived	Normal	Fit mesocrystal experimental data (FitSuite and Co), part I.	pospelov	Sprint 6	pospelov	19 Oct 2012 16:39
1702	Feature	Resolved	Normal	Fit: Provide extended print output for fit parameters during iterations.	pospelov	Sprint 33	wuttke	19 Jan 2017 10:45
1557	Refactoring	Rejected	Normal	FitParameterLinked causes weird coupling			wuttke	04 Aug 2016 13:47
1661	Bug	Resolved	Normal	FitSuite doesn't know about TestMinimizer	pospelov	Sprint 33	pospelov	01 Dec 2016 13:52
1664	Bug	Resolved	Normal	FitSuite.runFit() crashes with unclear error message	herck	Sprint 33	herck	24 Nov 2016 10:24
470	Bug	Archived	Normal	fitting example failure	pospelov	Sprint 17	ganeva	15 Nov 2013 13:01
1832	Bug	Resolved	Normal	Fitting example FitSphereInHexLattice runs suspiciously long	pospelov	Sprint 35	pospelov	28 Jul 2017 15:59
605	Bug	Archived	Normal	Fitting examples under Windows doesn't update graphics in realtime	pospelov	Sprint 20	pospelov	11 Apr 2014 13:51
1681	Bug	Resolved	Normal	Fitting GUI: free parameter error	pospelov	Sprint 33	ganeva	01 Dec 2016 14:14
1498	Bug	Archived	Normal	Fitting in GUI: values for all fitting parameters are reported as the same	herck	Sprint32	herck	11 Nov 2016 14:48
140	Feature	Archived	Normal	Fitting: implement functionality to allow usage of GSLMultiFit/Fumili ROOT's minimizers together with toy testing	pospelov	Sprint 8	pospelov	14 Jan 2013 10:01
143	Feature	Archived	Normal	Fitting: implement signal mechanism in PoolParameter set value method	pospelov	Sprint 8	pospelov	14 Jan 2013 10:01
139	Feature	Archived	Normal	Fitting: long playing isgisaxs ex-12	pospelov	Sprint 8	pospelov	14 Jan 2013 10:01
144	Feature	Archived	Normal	Fitting: patch ROOT for efficient usage of GSLNLSMinimizer	pospelov	Sprint 8	pospelov	14 Jan 2013 10:01
113	Refactoring	Archived	Normal	Fitting: refactor FitParameters to have bounds (left, right, both, no bounds, fixed) for fitting.	pospelov	Sprint 7	pospelov	29 Nov 2012 12:39

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
116	Refactoring	Archived	Normal	Fitting: Refactor FitSuite to have SuiteStrategy and better fit results output	pospelov	Sprint 7	pospelov	29 Nov 2012 12:39
1079	Bug	Archived	Normal	Fix appearance of tab with job details on JobView	pospelov	Sprint 27	pospelov	10 Jun 2015 18:19
2400	Bug	Resolved	Normal	Fix average mesocrystal form factor in the presence of postional disorder	herck	Sprint 42	herck	06 Aug 2019 17:17
1729	Configuration	Resolved	Normal	Fix centos7 CI build on buildbot	herck	Sprint 33	herck	07 Dec 2016 12:13
1863	Configuration	Resolved	Normal	Fix changing of working directory by build script on Windows buildslave	herck	Sprint 36	herck	18 Oct 2017 17:44
2047	Feature	Resolved	Normal	Fix compilation failures if fftw3, libtiff or Python are static.	pospelov	Sprint 41	pospelov	26 Jul 2019 17:00
1085	Bug	Archived	Normal	Fix crash of GUI while trying to save the project under the name containing special characters	pospelov	Sprint 27	pospelov	10 Jun 2015 18:19
2250	Documentation	Resolved	Normal	Fix doxygen documentation			dmitry	24 Jun 2020 18:16
576	Bug	Archived	Normal	Fix functional tests under Maverick	herck	Sprint 19	herck	07 Feb 2014 16:21
1106	Bug	Archived	Normal	Fix GUI example	herck	Sprint 28	herck	31 Jul 2015 14:50
698	Feature	Rejected	Normal	Fix incompatibility between integration over bin and infinite particles			herck	03 Nov 2015 13:10
2075	Documentation	Resolved	Normal	Fix interference function tutorials in the part of the "decay length"	pospelov	Sprint 41	pospelov	02 Aug 2019 11:28
73	Bug	Resolved	Normal	Fix interpolation between two complex numbers	pospelov	Sprint 5	pospelov	08 Aug 2012 18:20
164	Bug	Archived	Normal	Fix IsGISAXS Morphology File functionality	herck	Sprint 9	herck	01 Feb 2013 17:11
1262	Documentation	Archived	Normal	Fix IsGISAXS references in form factor section	wuttke	Sprint 31	herck	04 Jul 2016 11:23
2131	Bug	Resolved	Normal	Fix memory leak in factory methods when used from Python	herck	Sprint 38	herck	30 Jul 2018 18:50
2262	Bug	Resolved	Normal	Fix memory leakage in Python API	pospelov	Sprint 40	pospelov	09 Jan 2019 17:18
1077	Bug	Archived	Normal	Fix min, max handling for z-axis of ColorMap plot	pospelov	Sprint 27	pospelov	10 Jun 2015 18:19
1370	Bug	Archived	Normal	Fix numerous "features" introduced by latest major GUI refactoring	pospelov	Sprint 31	pospelov	04 Jul 2016 11:23
1367	Bug	Archived	Normal	Fix python bindings to make fitting example FitAlongSlices working		Sprint 31	pospelov	04 Jul 2016 11:23
1101	Bug	Archived	Normal	Fix Python script generation (since refactorings in last release)	herck	Sprint 28	herck	31 Jul 2015 14:50
1483	Configuration	Rejected	Normal	Fix shudown of Windows10 build slave	herck	Sprint32	herck	08 Aug 2016 12:20
876	Bug	Archived	Normal	Fix small release script issues	herck	Sprint 25	herck	30 Jan 2015 13:31
2283	Documentation	Resolved	Normal	Fix starting value of prism_base_edge in fit example	pospelov	Sprint 41	pospelov	24 Jul 2019 14:06
267	Bug	Rejected	Normal	Fix stderr redirection of TestCore unit tests			herck	17 Apr 2013 11:41
95	Refactoring	Archived	Normal	Fix the anomalous intensity int the mesocrystal coherent scattering	herck	Sprint 6	herck	19 Oct 2012 16:39
1276	Bug	Archived	Normal	Fix thread concurrency while repoorting progress update in DWBASimulation	david	Sprint 30	david	15 Feb 2016 16:01
874	Bug	Archived	Normal	Fix undefined reference	celine	Sprint 25	herck	30 Jan 2015 13:31
2286	Bug	Resolved	Normal	Fix usage of Debye-Waller factors for superlattices	herck	Sprint 40	herck	15 Jan 2019 15:25
2308	Documentation	Resolved	Normal	Fix Windows PyCharm tutorial	pospelov	Sprint 41	pospelov	12 Mar 2019 17:53

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213	Bug	Archived	Normal	Fix wrong measurements of CPU while running C++ FunctionalTests using test_all.py	pospelov	Sprint 11	pospelov	18 Mar 2013 14:41
340	Bug	Resolved	Normal	Fix zero eigenvalue case for specular magnetic case	herck	Sprint 15	herck	31 Jul 2013 11:46
1358	Bug	Archived	Normal	for complex vector3D, functions mag() and mag2() should return a real, not a complex number	wuttke	Sprint 31	wuttke	04 Jul 2016 11:23
315	Documentation	Rejected	Normal	For the sake of modern look and fill - install latest dokuwiki			pospelov	10 Sep 2013 14:08
827	Feature	Archived	Normal	Forbid in-source build	wuttke	Sprint 26	pospelov	21 Apr 2015 17:02
890	Feature	Rejected	Normal	Formfactor restrictions in fitting and distributions			ganeva	15 Sep 2017 11:26
956	Documentation	Archived	Normal	FormFactorTetrahedron: difference in equations in .cpp file and the manual	herck	Sprint 26	ganeva	21 Apr 2015 17:02
1552	Bug	Resolved	Normal	FormFactorTrivial should have RadialExtension = 0			wuttke	09 Aug 2016 10:27
1223	Bug	Archived	Normal	FormFactorTruncatedCube instability under MacOS	herck	Sprint 29	pospelov	03 Nov 2015 10:00
88	Feature	Resolved	Normal	Framework general: implement configurable multithreading for GISASExperiment	pospelov	Sprint 5	pospelov	25 Sep 2012 10:24
85	Feature	Resolved	Normal	Framework general: implement program options (config file) using boost::program_options	pospelov	Sprint 5	pospelov	25 Sep 2012 10:26
60	Feature	Archived	Normal	Framework general: implement simple logging tool with control of output level	pospelov	Sprint 12	pospelov	11 Apr 2013 10:04
79	Feature	Resolved	Normal	Framework general: measure Eigen library performance in the view of gsl_matrix, BasicVector3D, Coordinates3D refactoring			pospelov	18 Dec 2013 17:47
87	Feature	Resolved	Normal	Framework general: profiling code with NetBeans	pospelov	Sprint 5	pospelov	25 Sep 2012 10:25
18	Feature	Archived	Normal	Friendlification of OutputData class	pospelov	Sprint 2	pospelov	31 May 2012 16:23
157	Documentation	Resolved	Normal	full documentation of implemented theory for para- and mesocrystals			herck	18 Sep 2020 16:56
1303	Bug	Archived	Normal	Functional test montecarlo_integration.py fails	herck	Sprint 30	ganeva	15 Feb 2016 16:01
1925	Refactoring	Resolved	Normal	Functional tests have become considerably slower starting from pull request #336	herck	Sprint 36	herck	14 Dec 2017 13:16
1699	Feature	Rejected	Normal	functional tests: Improve MinimizerCatalogue::toString			wuttke	15 Sep 2017 12:24
2147	Feature	Resolved	Normal	Functionality improvements for the new fitting engine	pospelov	Sprint 39	dmitry	19 Nov 2018 16:35
80	Feature	Resolved	Normal	Gaussian Formfactor	herck	Sprint 5	herck	30 Aug 2012 17:18
2396	Documentation	Resolved	Normal	General revision and update to the examples section in the website	juan	Sprint 41	juan	01 Aug 2019 14:15
609	Feature	Archived	Normal	Generate domain objects from GUI model objects	herck	Sprint 20	herck	11 Apr 2014 13:51
610	Feature	Resolved	Normal	Generate QStandardItem objects from the domain objects	pospelov	Sprint 21	herck	06 May 2014 11:46
211	Refactoring	Rejected	Normal	Get rid from fixRatioBetweenParameters in parameter pool by introducing new ParticleBuilder			pospelov	10 Jan 2014 11:07
223	Refactoring	Archived	Normal	Get rid from instance() method for all singletons	pospelov	Sprint 12	pospelov	11 Apr 2013 10:04
380	Refactoring	Rejected	Normal	Get rid from multiple inheritance ICloneable, IParameterized			pospelov	05 Dec 2013 10:04

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
1675	Feature	Rejected	Normal	Get rid of ctypes.addressof in PySampleBuilder		Sprint 37	pospelov	23 May 2018 15:32
1064	Refactoring	Archived	Normal	Get rid of "pylab" in Python scripts	pospelov	Sprint 29	wuttke	03 Nov 2015 10:01
2439	Refactoring	Resolved	Normal	Get rid of all Qt's deprecated compile warnings	pospelov	Sprint 43	pospelov	28 Apr 2020 14:33
2048	Configuration	Resolved	Normal	Get rid of CMAKE_LIBRARY_PATH	dmitry	Sprint 37	dmitry	14 May 2018 08:22
215	Documentation	Archived	Normal	give advise on minimal ROOT compilation	wuttke		wuttke	15 Mar 2013 12:30
2053	Bug	Resolved	Normal	GUI (Win) whitespaces are missing in saved projection ascii file	herck	Sprint 37	ganeva	23 May 2018 15:43
1692	Bug	Resolved	Normal	GUI and Py: simulation crash when sample contains undefined material	pospelov	Sprint 33	pospelov	01 Dec 2016 13:09
2424	Bug	Resolved	Normal	GUI crash by unexpected user behavior	pospelov	Sprint 43	ganeva	08 Jun 2020 20:40
2312	Bug	Resolved	Normal	GUI crash on attempt to save a project on Mac	pospelov	Sprint 41	dmitry	30 Jul 2019 15:47
2217	Bug	Resolved	Normal	GUI crash on instrument adjustment for 1D data	dmitry	Sprint 39	ganeva	06 Dec 2018 13:15
1983	Bug	Resolved	Normal	GUI crash on project close	pospelov	Sprint 36	pospelov	28 Feb 2018 12:49
1108	Bug	Archived	Normal	GUI Crash when inserting Distributed Particle in 'Rotated pyramids' example	herck	Sprint 28	herck	31 Jul 2015 14:50
1167	Bug	Archived	Normal	GUI crash when showing projection	herck	Sprint 29	herck	03 Nov 2015 10:00
2149	Bug	Resolved	Normal	GUI crash when switching activity	pospelov	Sprint 38	herck	14 Sep 2018 11:06
2021	Bug	Rejected	Normal	GUI crash while import python script	herck	Sprint 37	dmitry	23 May 2018 15:55
1966	Bug	Resolved	Normal	GUI crash: switch project after job removal	herck	Sprint 36	herck	19 Feb 2018 14:25
1011	Bug	Archived	Normal	GUI crashes at wrong formfactor parameters	pospelov	Sprint 26	ganeva	21 Apr 2015 17:03
1962	Bug	Resolved	Normal	GUI crashes on recent project load	herck	Sprint 36	dmitry	16 Feb 2018 10:50
188	Feature	Archived	Normal	GUI for sample definition (design and implement prototype)	pospelov	Sprint 14	herck	04 Jul 2013 15:33
1230	Feature	Archived	Normal	GUI mask editor: implement mask editor basic functionality	pospelov	Sprint 30	pospelov	15 Feb 2016 16:01
1235	Feature	Archived	Normal	GUI mask editor: integrate IntensityData widget into GraphicsScene	pospelov	Sprint 30	pospelov	15 Feb 2016 16:01
1231	Feature	Archived	Normal	GUI mask editor: integrate mask editor into InstrumentView	pospelov	Sprint 30	pospelov	15 Feb 2016 16:01
1234	Feature	Archived	Normal	GUI mask editor: provide functional tests for all 3 domains	pospelov	Sprint 30	pospelov	15 Feb 2016 16:01
1233	Feature	Archived	Normal	GUI mask editor: provide transform from C++ domain to python domain	pospelov	Sprint 30	pospelov	15 Feb 2016 16:01
1232	Feature	Archived	Normal	GUI mask editor: provide transform from C++ domain to GUI domain	pospelov	Sprint 30	pospelov	15 Feb 2016 16:01
1978	Bug	Resolved	Normal	GUI on mac os x: Number of MC points drops to zero	herck	Sprint 36	ganeva	01 Mar 2018 17:17
1977	Bug	Resolved	Normal	GUI on mac os x: Python script view window cannot be resized	pospelov	Sprint 36	ganeva	01 Mar 2018 15:21
174	Feature	Rejected	Normal	Gui prototype: implement prototype of Fit window with empty docks for Fit RunInfo, Minimizer Settings, Parameters, Area selection			pospelov	04 Jun 2014 14:21
172	Feature	Archived	Normal	Gui prototype: implement ToolBox (layers, form factors) prototype for SampleBuilder widget	pospelov	Sprint 11	pospelov	18 Mar 2013 14:41
173	Feature	Archived	Normal	Gui prototype: implement TQtWidget wrapper for proper passing of signals between Qt layer and ROOT layer	pospelov	Sprint 10	pospelov	20 Feb 2013 16:11

#	Tracker	Status	Priority	Subject	Assignee	Target version	Author	Updated
171	Feature	Archived	Normal	Gui prototype: implementROOT graphics embedded into Qt4 and Qt5 QWidgets	pospelov	Sprint 10	pospelov	20 Feb 2013 16:11
2049	Bug	Resolved	Normal	GUI-> Crash on Instrument->Clone	herck	Sprint 37	ganeva	14 May 2018 18:48
2008	Bug	Resolved	Normal	GUI->Fitting: ROI in experimental data causes NaN fitting parameters	pospelov		ganeva	21 Mar 2018 17:50
2007	Bug	Resolved	Normal	GUI->Instrument view-> entering floating point numbers	herck		ganeva	21 Mar 2018 17:50
2228	Bug	Resolved	Normal	GUI: 1D data loader does not treat 'fixed width' columns correctly	juan	Sprint 39	ganeva	05 Dec 2018 14:20
1845	Bug	Resolved	Normal	GUI: add and implement correct translators for the parameters of MesoCrystalItem	herck	Sprint 35	herck	05 Oct 2017 17:08
1342	Feature	Archived	Normal	GUI: add Monte-Carlo integration option in the simulation	pospelov	Sprint 31	pospelov	04 Jul 2016 11:23
1001	Bug	Archived	Normal	GUI: Applying LogNormal distribution to inclination angle causes simulation job failure	pospelov	Sprint 26	pospelov	21 Apr 2015 17:03
2332	Bug	Rejected	Normal	GUI: artifacts in real data during work			Uliana_Koneva	22 Sep 2020 14:16
1789	Bug	Resolved	Normal	GUI: axes range of color map	pospelov	Sprint 33	ganeva	06 Apr 2017 14:18
2146	Bug	Resolved	Normal	GUI: back compatibility broken	dmitry	Sprint 38	ganeva	25 Sep 2018 14:10
998	Bug	Archived	Normal	GUI: beam wavelength with wide gaussian distribution cause crash	pospelov	Sprint 26	pospelov	21 Apr 2015 17:03
2362	Bug	Rejected	Normal	GUI: can neither quit, nor cancel an endless job			wuttke	18 Sep 2020 15:48
1603	Bug	Archived	Normal	GUI: Cancel job is not working anymore after the refactoring of ProgressHandler, GUI real-time performance is heavily affected too	wuttke	Sprint32	pospelov	11 Nov 2016 14:48
1796	Feature	Rejected	Normal	GUI: consider adding read only property 'Volume' to the form factor			pospelov	15 Sep 2017 12:52
1639	Bug	Resolved	Normal	GUI: crash if fitting parameter removed	herck	Sprint 33	ganeva	01 Dec 2016 12:58
2461	Bug	Resolved	Normal	GUI: crash in 3D view with lock function	pospelov	Sprint 43	pospelov	08 Jun 2020 20:39
1891	Bug	Resolved	Normal	GUI: crash in import data view when linking to instrument	pospelov	Sprint 36	pospelov	13 Dec 2017 13:30
2148	Bug	Resolved	Normal	GUI: Crash on autosave	herck	Sprint 38	ganeva	14 Sep 2018 13:25
2106	Feature	Resolved	Normal	GUI: Create and use DataItemView for 1D fitting	dmitry	Sprint 38	dmitry	11 Jul 2018 13:47
894	Feature	Archived	Normal	GUI: create collapsible group box		Sprint 25	Anonymous	30 Jan 2015 13:31
1771	Feature	Resolved	Normal	GUI: create FitProjectionsWidget to compare projections of real .vs. simulated data			pospelov	18 Sep 2020 18:57
1762	Feature	Resolved	Normal	GUI: create tooltips for interference function items	pospelov	Sprint 34	pospelov	22 May 2017 10:19
1935	Feature	Resolved	Normal	GUI: create uniform icons for GISAS, OffSpec and Specular instruments	pospelov	Sprint 36	pospelov	06 Feb 2018 17:25
1397	Feature	Rejected	Normal	GUI: decimals			david	29 Mar 2016 15:18
1632	Bug	Resolved	Normal	GUI: delete button doesn't work on MacBook for masks on ImportDataView			pospelov	22 Mar 2017 15:07
1041	Bug	Archived	Normal	GUI: depth of particles cannot be negative	pospelov	Sprint 26	celine	21 Apr 2015 17:01
851	Feature	Archived	Normal	GUI: disable qDebug() outputs for Release build		Sprint 25	pospelov	30 Jan 2015 13:31
2310	Bug	Resolved	Normal	GUI: disappeared button to rotate dataset in RealDataView	pospelov	Sprint 41	pospelov	10 Jul 2019 08:20

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2322	Bug	Rejected	Normal	GUI: Ensure usage of identical colormap for real data and simulation in fitview	dmitry	Sprint 41	herck	25 Jul 2019 13:56
2384	Bug	Resolved	Normal	GUI: error on slicing core-shell particles	herck	Sprint 41	dmitry	31 Jul 2019 11:30
1765	Bug	Resolved	Normal	GUI: ExportToPython generates unsorted material labels.	pospelov	Sprint 34	pospelov	14 Jun 2017 13:49
1387	Feature	Archived	Normal	GUI: finalize FitWidget	david	Sprint 31	pospelov	04 Jul 2016 11:23
1982	Bug	Resolved	Normal	GUI: fit of particles with size distributions causes negative values	pospelov	Sprint 36	ganeva	28 Feb 2018 21:07
1997	Bug	Resolved	Normal	GUI: fit view shows experimental/simulated data in different scale	herck	Sprint 37	pospelov	22 May 2018 18:36
2236	Bug	Resolved	Normal	GUI: Fitting failure on some minimization algorithms	pospelov	Sprint 39	dmitry	05 Dec 2018 13:13
1980	Bug	Resolved	Normal	GUI: fitting of incident angle	herck	Sprint 36	ganeva	02 Mar 2018 10:18
1811	Bug	Resolved	Normal	GUI: fitting of roughness parameters is broken for two layers systems	herck	Sprint 34	pospelov	29 May 2017 14:56
1815	Bug	Rejected	Normal	GUI: FitView sometimes stops fit progress update		Sprint 35	pospelov	21 Sep 2017 13:17
1336	Bug	Resolved	Normal	GUI: fix "Settings" menu bar on MacOSX			pospelov	15 Feb 2016 13:34
2445	Feature	Resolved	Normal	GUI: fix fancy toolbars under Linux		Sprint 43	pospelov	02 Jun 2020 08:51
2446	Feature	Resolved	Normal	GUI: fix HighDPI issues under Windows.	pospelov	Sprint 43	pospelov	08 Jun 2020 20:39
1827	Bug	Resolved	Normal	GUI: fix SessionModelDelegate for group property	pospelov	Sprint 35	pospelov	31 Jul 2017 16:23
1198	Bug	Archived	Normal	GUI: fix simulation for particle distributions and negative z coordinate	herck	Sprint 29	pospelov	03 Nov 2015 10:00
1237	Refactoring	Archived	Normal	GUI: generate distributed parameter names from GUI sample model instead of core model	herck	Sprint 30	herck	15 Feb 2016 16:01
1793	Bug	Resolved	Normal	GUI: get rid of memory leakages in graphics widgets	pospelov	Sprint 34	pospelov	27 Jun 2017 13:50
1783	Feature	Resolved	Normal	GUI: get rid of ScientificDoubleProperty	pospelov	Sprint 36	pospelov	27 Nov 2017 16:07
1520	Bug	Archived	Normal	GUI: global progress bar seems to be not updating		Sprint32	pospelov	11 Nov 2016 14:48
1802	Bug	Resolved	Normal	GUI: hexagonal lattice becomes square during simulation	herck		herck	12 May 2017 15:12
1266	Feature	Archived	Normal	GUI: Implement collapsable Accordion widget	david	Sprint 30	david	15 Feb 2016 16:01
1695	Feature	Rejected	Normal	GUI: Implement crash handler, and restoration of state before crash			wuttke	15 Sep 2017 12:24
2225	Feature	Resolved	Normal	GUI: implement depth probe instrument	pospelov	Sprint 39	pospelov	06 Dec 2018 15:26
996	Feature	Archived	Normal	GUI: implement export to Python in the case of beam divergence	herck	Sprint 27	pospelov	10 Jun 2015 18:20
940	Feature	Rejected	Normal	GUI: implement export to Python script			pospelov	02 Feb 2015 10:07
1772	Feature	Resolved	Normal	GUI: implement projections editor for ImportView widget	pospelov	Sprint 36	pospelov	06 Nov 2017 17:12
189	Feature	Rejected	Normal	GUI: implement prototype(s), decide about architecture			pospelov	04 Jun 2014 14:21
1185	Feature	Rejected	Normal	GUI: implement Q-space detector in GUI			pospelov	15 Feb 2016 17:43
959	Feature	Archived	Normal	GUI: implement saving of RealTimeView content in JobModel	pospelov	Sprint 27	pospelov	10 Jun 2015 18:20
1267	Feature	Archived	Normal	GUI: implement update online notification widget	david	Sprint 30	pospelov	15 Feb 2016 16:01
2319	Feature	Resolved	Normal	GUI: import multiple files	juan		ganeva	10 May 2019 08:59