

Synergia2 - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
18076	Bug	New	Normal	attribute name checking	James Amundson	10/30/2017 01:40 PM
17807	Bug	Closed	Normal	The dispersion values in the CS lattice function array (and maybe others) are garbage		10/03/2017 03:50 PM
17180	Bug	New	Normal	devel-pre3 libff propagation fails when there is an odd number of particles using vector class		07/13/2017 05:58 PM
17089	Bug	New	Normal	lots of failures occur in test_libff_with_chef when the bunch reference particle momentum is different from the lattice reference particle momentum		06/29/2017 10:41 PM
17052	Bug	New	Normal	libFF rf cavities are not set up to handle acceleration		06/28/2017 10:08 AM
17051	Bug	New	Normal	libFF rf cavities do not anharmonic (displaced frequency) phase		06/28/2017 10:01 AM
15789	Bug	New	Normal	twotrains_sc should use the actual bucket_index member instead of the position of the bunch in the bunches list for z calculation.		03/08/2017 04:39 PM
15788	Bug	New	Normal	test_step apply in the twotrains_sc branch doesn't actually do anything		03/08/2017 04:38 PM
14237	Bug	New	Normal	populate_transverse_KV_GaussLong populates the bunch with an emittance that is 4 times smaller than the requested emittance		10/24/2016 11:43 AM
13863	Bug	New	Normal	The libFF quadrupole element (in particular) doesn't handle hoffset and voffset attributes.		09/15/2016 11:07 AM
13861	Bug	Closed	Normal	the slip factor from lattice_simulator.get_slip_factor() changes after restart		09/15/2016 10:17 AM
13615	Bug	Closed	Normal	Main Injector simulation with error multipoles added to the elements leaks memory in lattice_simulator.update()		08/22/2016 05:02 PM
12825	Bug	New	Normal	synergia-resume throws an exception when run on the cxx_checkpoint example running on ubuntu 16.04 laptop but not my SL7 desktop		06/01/2016 10:51 AM
12800	Bug	Closed	Normal	The Lattice::Lattice(Lattice &) copy constructor fails to copy the element_adaptor_map_sptr		06/07/2016 04:17 PM
12217	Bug	Closed	Normal	reading a mad8 lattice that does not contain a beam statement segfaults on the first attempt		06/07/2016 04:17 PM
12177	Bug	Remission	Normal	Hdf_file class fails on reading diagnostics in the libffgsvopenmp-ql branch		04/06/2016 02:23 PM
12076	Bug	Closed	Normal	synergia propagation in madx skew multipoles does not match madx		03/28/2016 02:17 PM
11726	Bug	New	Normal	implement tkicker		02/15/2016 11:37 AM
11481	Bug	New	Normal	we will really need a way to get the actual path length or propagation time especially when we're using libFF propagation		01/22/2016 05:50 PM
11117	Bug	Remission	Normal	wilson-cluster bundle doesn't include lsexpr library		12/10/2015 01:32 PM
11038	Bug	New	Normal	creating a stepper from a lattice read in from a mad8 file that contains no beam statement generates a misleading segfault from the bowels of lsexpr		11/30/2015 10:41 PM
10930	Bug	Closed	Normal	3d space charge test real_apply_full_highgamma and real_apply_transverse_highgamma fail while the lowgamma versions pass		11/19/2015 07:43 PM
10615	Bug	New	Normal	sbend using chef_mixed extractor_type with Independent_stepper_elements introduces spurious motion		10/23/2015 06:16 AM
10573	Bug	Closed	Normal	new Lattice_element::get_lattice method needs to be serialized		10/23/2015 06:10 AM
10487	Bug	Accepted	Normal	ecollimator and rcollimator not implemented for mad8 lattices		10/23/2015 09:59 AM
10362	Bug	Closed	Normal	Compilation fails complaining about CF_sbend	Leo Michelotti	10/12/2015 11:30 AM

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10102	Bug	New	Normal	job with inpedance segfaults when resumed		09/10/2015 03:51 PM
9199	Bug	Closed	Normal	can't create a stepper when an accelerating cavity is present before a combined function sbend containing a quadrupole component		06/13/2015 04:43 PM
9015	Bug	Closed	Normal	There is no python wrapping for Lattice::get_element_adaptor_map()		10/23/2015 09:22 AM
8443	Bug	Rejected	Normal	when a job that has Diagnostics_particles enabled is resumed, the resumed job apparently does not continue to write out the particles.		05/19/2015 01:04 PM
8383	Bug	New	Normal	combined function rbends need to be adjusted so their closed orbit exists		04/21/2015 10:47 AM
8326	Bug	Closed	Normal	chef-libs/cmake fails when an external boost is pointed to by boost/include= and boost/lib= contract options		04/17/2015 01:58 PM
8283	Bug	New	Normal	collimators		04/08/2015 04:30 PM
8272	Bug	Closed	Normal	the Independent_stepper doesn't respect the extractor_type of elements in a lattice with different extractor_types	James Amundson	11/23/2015 01:39 PM
8265	Bug	Closed	Normal	Build fails with Boost 1.57	James Amundson	04/13/2015 04:54 PM
7923	Bug	Closed	Normal	from= clause not interpreted correctly	Qiming Lu	04/13/2015 04:57 PM
7750	Bug	Closed	Normal	adjust_tunes is not set up to handle combined function magnets		02/03/2015 09:58 AM
7689	Bug	Closed	Normal	lattice_simulator.update() leaks memory when the underlying lattice is from a madX file		04/07/2015 05:06 PM
7576	Bug	Closed	Normal	test_space_charge_3d_open_hockney_mpi4 fails intermittently		01/01/2015 03:41 PM
7508	Bug	Closed	Normal	madx adaptor appears to make all quadrupoles have positive strength		12/13/2014 09:21 AM
7353	Bug	Closed	Normal	need a test_diagnostics_bulk_track_mpi		12/10/2015 11:24 AM
7352	Bug	New	Normal	need a test for resume from python		11/19/2014 02:04 PM
7329	Bug	Closed	Normal	resume fails for sis18 job on the wilson cluster		11/19/2014 02:04 PM
7222	Bug	New	Normal	using the Random_distribution().fill_unit_gaussian on the local_particles of a bunch messes things up		10/27/2014 04:02 PM
7179	Bug	Closed	Normal	rcollimator and ecollimator not handled in madx adaptors		10/17/2014 04:31 PM
7163	Bug	New	Normal	convert python script for reading particles from a file to c++		10/15/2014 11:45 AM
7162	Bug	Closed	Normal	add option for cf sbends to use the madlike propagator		12/09/2014 10:56 AM
6985	Bug	Closed	Normal	generate_matched_bunch_transverse assumes protons, fails for electrons		09/11/2014 05:23 PM
6860	Bug	New	Normal	we have no good tests for non-standard elements		08/26/2014 10:12 AM
6797	Bug	Closed	Normal	madx adaptor does not handle skew moments k1s, k2s, etc.		08/27/2014 12:27 PM
6692	Bug	Remission	Normal	diagnostics_bulk_track segfaults (probably if one processor happens to lose all its particles)		12/09/2014 11:32 AM
6649	Bug	Closed	Normal	hdf5_internal=1 but hdf5 does not get built	Eric Stern	07/19/2014 09:17 PM
6619	Bug	Closed	Normal	need to require later version of boost		07/14/2014 05:41 AM
6522	Bug	Closed	Normal	diagnostics_bulk_tracks segfaults if the offset is nonzero		06/19/2014 04:06 PM
6466	Bug	Closed	Normal	real_num is not calculated correctly when a bunch with charge is injected into an empty bunch		06/16/2014 04:02 PM
6464	Bug	Closed	Normal	bunch injection doesn't handle momenta variables correctly when the two bunches have different reference momenta		06/14/2014 04:46 PM

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6399	Bug	Closed	Normal	polygon aperture fails to cut particle at 0 that is outside of aperture		06/02/2014 10:10 PM
6395	Bug	Remission	Normal	The particle at with ID 0.0 will not be cut even if it doesn't fit through an aperture if there are any other particles in the bunch		06/03/2014 09:21 AM
5845	Bug	New	Low	chef-libs/cmake finds wrong boost when boost is installed in the system and boost_internal=1 is selected on ubuntu 12.04		04/07/2014 05:14 PM
5078	Bug	Closed	Normal	MadX parser is missing (at least) twopi	James Amundson	08/14/2014 09:41 AM
4945	Bug	Closed	Normal	some Lattice_simulator methods assume the particle is a proton		11/13/2013 04:25 PM
4921	Bug	New	Normal	Impedance crashes if input file is not found		11/07/2013 01:17 PM
4920	Bug	New	Normal	RBEND length can be either arc length or straight line length depending on the RBARC option setting		11/07/2013 09:47 AM
4453	Bug	Closed	Normal	no python wrapping to create a synergia Lattice() with a MadX_adaptor_map		07/30/2013 10:53 AM
4136	Bug	Closed	Normal	tune adjustment does not work for the main injector		06/17/2013 10:41 AM
4048	Bug	Closed	Normal	no python wrapping for get_brho() method of Chef_lattice		06/10/2013 04:24 PM
4009	Bug	New	Normal	we need a synergia way to access the new number of thin kicks in a quadrupole chef feature		06/06/2013 09:52 AM
4008	Bug	Closed	Normal	commxx_divider does not work with space_charge_2d_open_hockney solver		06/11/2014 11:22 AM
3948	Bug	Closed	Normal	synergia/bunch/diagnostics_particles.h include file does not get installed		05/28/2013 02:25 PM
3947	Bug	Closed	Normal	libsynergia_command_line does not get installed		05/28/2013 02:28 PM
3923	Bug	Closed	Normal	If python_internal is true, all python modules should be built.		05/26/2013 09:13 PM
3903	Bug	Closed	Normal	hdf5 version on download site has changed		05/20/2013 09:33 AM
3836	Bug	Closed	Normal	chef_beamline_as_string is not wrapped in python		05/09/2013 03:07 PM
3826	Bug	Closed	Normal	print_cs_lattice_functions generates nonsense lines with PS lattice		05/15/2013 03:53 PM
3825	Bug	Closed	Normal	SL5 build fails because of numpy	James Amundson	05/09/2013 03:03 PM
3819	Bug	Closed	Normal	2d_open_hockney tests fail on some SL5 machines		05/26/2013 10:50 PM