CADfix 10 SP2 Data Exchange Fix Change Notes

Change Notes for CADfix 10 SP2 as a brief summary of each fix arranged under their respective Problem report number(s):

7961	Parasolid imported Toroid Face being Split needlessly
8964	SWEEP should make embedding shapes for new faces
9008	NURBS extension makes a mess of shape
9090	Remove holes from body leaves me with capped holes
10225	Transient dialogs positioned incorrectly
10565	Facility to collect lines based on DVAPP usage
13106	Need better integration of hide/unhide functionality
13554	IGES transformation matrix
14181	Request to include 'date modified' info in all File Select windows
14976	NURBS shape with flattened corner upsets normal evaluation
15003	Not impressed with body simplification command
15419	Strange way of plotting a results curve
15461	New FROG generation syntax for AM toolbox
15614	ICE NITe welding improvements
15975	Can't set display quality in preferences
16031	GUI not respecting file Suffix NULL on first attempt
16070	Light healing makes a mess of face
16293	Invalid mesh on narrow face on seamless cylinder
16403	Lost SEND FME (PARENT) syntax from CADfix
16483	Face joining will be much slower in 10/SP1. Needs optimising
16517	Non NURBS simplify making a hash of spheres
16548	Slicing crashes CADfix
16563	Improve STL export options
16778	Helical surfaces affected badly by smoothing
16779	Mangled NURBS line crashes CADfix
16808	CADfix mesher TR3 elements intersect
16884	Maintain shared faces of STL export
16978	Another CADfix 10 Linux fatal error
17010	Delete face from zone in model tree shouldn't destroy zone
17042	Issues with CF9
17058	Model tree layer icon not visible on occasion
17061	LIGHT HEAL stopping a valid healing
17167	Set the default browser file type import to ALL
17181	NX settings for Daimler Models
17196	STEP data on ANSYS work bench
17333	Problems with automatic source generation
17511	Split faces in body doesn't update body definition
17529	GridPro STL triangulation not accurate

17559	CADfix 10 license problem after FLEXnet change
17565	Decimate FROG taking large notches out of sharp edge
17573	Decimate FROG taking large notches out of sharp edge
17597	Frame and Centre on slices does not work
17627	Another Problem with CADfix License Configuration after FLEXnet change
17629	2 solids are missing on ProE import
17632	Split a number of CADfix body's simultaneously
17634	Issue on farfield plotting
17635	Can't load cwc file any more
17668	Wizard should never fail to load CWC file because of licensing or platform support
17677	GUI not respecting JT import change from BREP to ANY
17678	GUI needs an OFF button for mass props in CWC
17702	Solar geometry preview issued
17753	CADfix large model issues & CADfix version 10 interface code compilation
17763	Strange GUI face joining 180 deg spin
17764	Export an Inch model to Centaur and import divides by 1000
17767	Body simplify command makes crude simplification of simple body
17773	Not able to export PLMXML in batch, working in interactive
17780	New database address is excessive
17784	Converting a FROG to NURBS leaves FROG behind
17785	FROG segment tool button slow
17787	Need documentation for new Catia V5 export option
17788	Unable to load a cwc file STEPforCatiaV5
17790	Collapse zero-area faces
17792	Imprint check for intersecting bodies has no user control
17795	Body simplification command does not continue after error
17797	Join bodies and imprint problem - hanging
17804	CADfix NURBS support for CATIA V5
17815	Interest in lofting with guide curves
17821	Label property
17823	GUI tolerances screwed by splitting face by sketching, breaks model
17832	Refit face problem
17835	Solar QSM import deletes visualization list
17838	Merge duplicate STL patch needed
17847	Set create & Set append Entity List should support lists of dissimilar entities
17854	CADfix NX9 import failing
17859	CADfix 10 SP1 FLEXNET licence problem
17861	No option to create duplicate vertices when dihedral cracking frogs
17865	Licence problem with CADfix 10 SP1 after Flexnet change
17867	TR: CADfix 10 SP1 : problème de licence après upgrade
17869	Farfield and symmetry zones replacement issue

	17870	NX import error
	17871	CADfix sp1 license error after Flexnet change
	17879	CF10SP1 Wizard creates huge surfaces sending Prepare into a black hole
	17881	Comment first line of Solar ASCII zone file
	17883	Generic ASM primitive or source generation problem
	17887	Issue in using CADfix tools – not licensed or purchased
	17891	WELD command corrupts database
	17894	Command syntax not documented
	17898	Point Cloud conversion to 3D models
	17913	Failure to release licence for a batch process
	17921	CADfix batch scripting not working
	17924	Wizard prepare settings GUI gives error
	17926	Another issue with creation of trailing edge primitives
	17927	Exporting assembly structure
	17944	Undo MARK not recognised as a first operation
	17956	Zone file export problems
	17963	Moment of Inertia confusion for Daimler JTSP
	17966	Split STL file
	17988	Degenerate surface corners not fixed automatically
	17998	STL model has distorted facets
	17999	Unable to rotate geometry in CADfix10SP1
	18014	Positioning of Inventor Parts in CADfix 10 SP1
	18015	Cannot create simple fillet
	18033	More inappropriate welds
	18034	Repeat WELD FIND after FIX causes crash
	18043	FlexNet Licensing error:-7,10015
	18052	STL export needs option to NOT make watertight STL when any old facets needed
	18076	CADfix 10 failing when CADfix 9.0 succeeded
	18077	More suspected regression in CADfix 10
	18079	BUILD MOVE ROTate Tool has issues
	18080	CADfix installation issue (Bash)
	18088	Failed to export an assembly to V5 in batch mode only
	18094	More suspected regression in CADfix 10
	18103	Division balancing does not run on all faces
	18105	Customer reports CATIA V4 import "Scan contents" no longer works in 10/SP1
	18113	Problem with curved slicing
	18122	Another fatal error in CADfix10SP1
	18126	Apparently spurious warning message has knock on effects
	18133	Solar control file GUI error
	18137	Suspected regression in CADfix 10
	18152	GUI error opening CATProduct file

18153	CADfix bug -- domain creation
18168	JT import fails on this file
18177	Pro/E cone face imports with bad vertices
18196	Display of entities made in build tool are lost
18197	Improvements to auto-zone by label
18200	GUI error changing model units
18205	Inverted tet elements after pyramid splitting.
18206	Printing distance giving wrong results
18215	CADfix CATIA5 prepare converts degenerate surfaces into 3 non-finite toroids
18235	Preview not working for 3DS export for shells
18241	Error 402 from NURBS Shape Plotting
18247	SSPL not splitting faces 1
18248	SSPL not splitting faces 2
18249	SSPL not splitting faces 3
18260	Potential Pro/E Import Bug or Regression in 10
18273	Where's the Log File (.fbl) Gone?
18288	OBJ export needs option to NOT make watertight OBJ when used for visualisation
18291	CADfix introduce overused edge during repair
18300	PMI support in CADfix
18301	Error 402s under ORIENT
18302	VGL import in CADfix
18303	CATIA import problem
18331	Exporting JT - Mass properties keeps switching off
18337	Colours not imported from STEP assembly
18339	2D shelling fails on planar face
18346	Hide NX assembly part gives GUI error
18349	CADfix10 rotation error
18366	Facetted preview (and export?) does respect expansion rate
18380	Suspect surface normal's in CADfix
18381	Model tree pick similar parts
18383	Some problems with the "Similar" parts GUI
18384	GUI not showing bounding box
18394	Remove Feature is zapping my model
18395	Remove feature is not refreshing screen shaded edges
18400	Wizard Import link not greyed out after assembly imported
18413	Problems with Licence Manager (CADfix 10 SP1)
18414	Mixed BREP+facet model (assembly) not exported to V5
18441	CADfix Translation Error
18449	Lofting a surface with guide rails fails
18459	Wizard Repair orients face wrong causes body build failure
18476	FlexLM not working correctly

18490	CADfix cannot split non-finite toroid faces
18499	Help on aircraft cleaning
18534	CADfix crashes at the 4th BOOL attempt
18541	Cannot change background colour for hidden parts in CAE mode
18546	DEL MESH not permanently deleting mesh
18553	WELD problems
18570	CREO file could not be imported due to mixed case problem
18588	Show/Noshow behaviour not as expected
18612	Problems with Weld
18615	Colour assignments from CREO to PMLXML
18643	Importing rectangular patches defined by corner points
18648	Converting STEP to CATIA V5 spheres
18650	Processing stops at the set of units
18651	Stitching FIND and FIX contradiction
18657	Lofting curves model no longer loads into CADfix
18665	Updating CADfix 10 to SP1 causes an error
18667	DELC mesh style modifying assigned line divisions
18696	Crash during WELD find
18700	Problem splitting zoned faces
18701	CADfix 10 SP1 tolerances
18706	Preference setting for 'Max working tol' pull down problem
18771	CADfix crash when shading solids after Repair
18792	Problem with CADfix batch licence under UNIX
18797	CADfix 10 SP1 installation problems
18798	CADfix 10 SP1 installation problems
18800	Problem with CADfix batch licence under UNIX
18802	GUI error because "famgui:autocomplete" not in .CADfix1000
18806	BIAS divisions for BE3 elements are incorrect
18811	One bad face causes slowdown in processing
18813	Cannot change background colour for hidden parts in CAE mode
18815	Weld fails to create body
18829	Problem writing ISC file for long file names
18850	Problem writing ISC file for long file names
18851	TR: 1.418 Incomplete job whereas CADfix complete with success
18880	Strange log and bug report when exporting to CreoView
18905	Isolated CGR import not working anymore
18925	Regression in surface splitting
18931	Weld-fixer NURBS extension
18932	Error 402's during Weld fix
18938	Post weld fix to collect and zap free points