CADfix 11 Data Exchange Fix Change Notes

Change Notes for CADfix 11 as a brief summary of each fix arranged under their respective Problem report number(s):

6212	CADfix OEM 7.1 slower than CADfix OEM 7.0
7827	SUPP not removing the simplest of fillets
9183	VAUT revamp needed
9506	FBM files should be portable cross-platform
9584	Problem installing service packs using "runadmin" on Linux
10563	Allow wizard parameters to be reset to those in use before loading .cwc
10565	Facility to Collect Lines Based on DVAPP Usage
10745	Torus with minor and major radius close in value shades incorrectly
13059	ANSD Demo Model - NASA CRM with pylon and nacelle
13106	Need better integration of hide/unhide functionality in appData tools
13122	"Join sliver faces" not filtering by aspect ratio
14805	DIVBAL should use an external solver?
14829	Double Precision Node Storage
15091	Could do with a way of locking lines in DIVSTORE
15092	DIVSTORE should sometimes be updated, not cancelled
15461	new frog generation syntax for AM toolbox
15641	Wizard Doing Things it Shouldn't
15991	DIVBAL could use a mechanism to stop divs being reduced
16070	Light healing makes a mess of face
16401	Intel compiler upgrade
16548	Slicing crashes CADfix
16563	Improve STL export options.
16778	SMOOTH command mangles helical shapes
16796	Full torus face fails ORIENT but still has a "valid" parameterisation type
16842	Knife-Point Face Nicking Problems Need Forced Insertions
16884	Maintain shared faces of STL export
16906	SAT import VERY slow after faces have been split by ACIS
16991	Missing facets from NX assembly
17042	Issues with CADfix 9
17089	CADfix 9 API
17167	Set the default browser file type import to ALL
17181	NX Settings for Daimler Models
17258	Agreement about CADfix source code
17287	CADFIX 8.1 sp3
17313	FROG FPCI plot going wrong
17431	Input Arguments in NUSNONRAT* Overwritten
17496	Serious Graphics Problems on Linux - Can Crash the Desktop
17565	[CADfix]Facet reduction problem and etc.
17635	Can't Load CWC File Any More
17668	Wizard Should Never Fail to Load a CWC File because of Licensing or Platform Support
17678	GUI needs an OFF button for mass props in CWC
17679	RESET ALL back to .CADfixXXX for GUI wiping ANY previous CWC settings
17683	CADfix V10 in Batch Mode
17784	Converting a FROG to NURBS leaves the FROG behind
17803	Huge models taking long time in CADfix
17832	Refit face
17842	Need a CFI program to export Bezier control points to Nottingham
17848	Session QUIT due to TCL error in boeing_solidm-to-v5_fromGDX
17851	OOCFI: set.appendEntityList([]) crashes Python
17853	Batch run of CADDS import does not respect -workingdir
17866	CADfix 10/SP1 ready for release
17869	Farfield and symmetry zones replacement issue
17873	Numeca - difference of behaviour WIN/LINUX
17891	WELD command corrupts database
17988	MtA 054: degenerate surface not fix in automatic
18015	[CADfix]Create fillet problem.
18070	Edge divisions changed unexpectedly
18080	CADfix installation issue (bash)
18133	Solar control file GUI error
18152	GUI Error opening CATproduct file
18196	Display of entities made in build tool are lost
18198	Issue with selection in Solar mesh and sources tools
18215	CADfix CATIA5 prep converts degenerate surfs into 3 non-finite tori

18232	NOBOX Incorrectly Suppresses Some Medial Flaps
18238	Issue tracking 18190
18288	OBJ export needs option to NOT make watertight OBJ when used for visualisation
18299	Curious Omission in GSUR and GBOD Syntax
18303	[CADfix]CATIA import problem
18331	Exporting JT - Mass properties keep switching off
18335	New Creo .prt export needs option to auto-make multiple .prt files
18343	VPOINTONPLANE no longer uses error flag
18361	Need example to document morph video
18366	Facetted preview (and export?) does respect expansion rate
18367	Single function for capturing PROC MGEN output
18380	Surface normals in CADfix 10
18381	Model tree needs 'Pick similar parts' capability
18383	Some problems with the "Similar" parts GUI
18384	GUI not showing bounding box
18385	PRUN command missing ability to prune to nodes/elements
18394	Remove Feature is zapping my model
18395	Remove feature is not refreshing screen shaded edges
18400	Import not greyed out after IGES assembly imported
18401	Shading disappears when faces hidden
18404	AP242ed2 Curved Triangle Import Prototype
18407	AP242ed2 Surface Texture Export Prototype
18408	AP242ed2 Surface Texture Import Prototype
18413	Problems with Licence Manager (CADfix 10 SP1)
18414	Mixed BREP+facet model (assembly) not exported to V5
18424	Set browser UPDATE not working
18441	CADFix Translation Error
18449	Lofting a surface with guide rails fails
18458	PMLXML translation questions
18459	Wizard Repair orients face wrong causes body build failure
18460	famfromiges hanging during Geoduck tests on Linux
18473	Edge divisions changed unexpectedly - Merging points
18476	Flexlm for CADfix
18478	Regression fixing bad NFA faces
18480	Wipe last image not working
18482	GUI errors from similar parts tool
18489	"Split faces with a surface" Add all button not working
18490	CADfix cannot split non-finite toroid faces
18493	Choosing Work and Display set not possible
18495	Using a Work set and show/hidden is confused
18499	Help on aircraft cleaning
18531	Document on CADfix Imprint functionality for Queens
18534	CADfix crashes at 4th BOOL Subtract attempt
18541	Toggle Visible Space Button Changes Background
18546	DEL MESH not permanently deleting mesh
18547	Warning messages regarding inefficiency in syntax definition
18548	Continental test model PLMXML assembly not picking up JT parts
18552	[CADfix]CADfix problem2
18553	WELD bugs
18555	Another weld bug
18556	Non-finite SETA goes off into the unknown
18569	[CADfix]About space claim direct modeller
18570	[CADfix]Creo file
18574	CADex PLMXML test failing on Windows
18575	ERROR: JtkCADImporter::import()
18577	Detection of CADfix Version
18586	Deformation of frog edges
18588	Show/Noshow behaviour regressed or not as expected
18612	WELD command has regressed
18613	CADIQ version 7.4 - Queries regarding Licensing
18615	Colour assignments from CREO to PMLXML
18618	Speed up Flite source display in GUI
18619	Continental test PMLXML test file cannot be exported to PMLXML
18621	Need to expose control over the PLOC COLO SUBSCOL setting
18622	[CADfix]Iges color information
18632	NOSHOW "All" icon picks bodies in whole model, not just NOSHOW
18643	Importing rectangular patches defined by corner points
18646	Inefficient Syntax Added to DBUG OFFSET
18648	Converting Step<->CatiaV5 with Spheres

18650	[CADfix]Processing stops at the set of units
18651	[CADfix]Display Filters
18665	Update CADFix 10 to SP1: Error after service Pack installation
18667	DELC mesh style modifying assigned line divisions
18676	Display of facets
18693	[CADfix]Create body from hole
18696	Crash during WELD FIND
18700	Splitting zoned faces
18701	CADfix10 SP1 tolerances
18704	Advanced Analysis - Allowing multiple sets to be open at same time
18706	Preference setting for 'Max working tol' pull down problem
18709	[CADfix]Assembly import speed
18725	Creating a FROG: setting expansion to OFF causes warning message
18765	DIVSTORE needs to differentiate between divs for BE2 and BE3 elements
18770	MtA070: CADfix crash when shading solids after repair
18772	CADfix overwrites a sub assembly when not using a suffix
18792	Problem with CADfix batch licence under Unix
18796	CADfix 10 GUI cannot locate HTML browser automatically
18797	CADfix 10 SP1.0
18800	Problem with CADfix batch licence under Unix (Case 18972)
18802	GUI error because "famgui:autocomplete" not in .CADfix1000
18805	Cut down EMA licence needs MESHING option for Tartan
18806	Biased divs for BE3 elements are incorrect
18811	One bad face causes ridiculous slowdown in processing
18813	Show/noshow Background colour stays the same in CAE mode
18823	Stray commands creeping into UNDO drop down
18829	Problem writing ISC file for long file names.
18831	Anisotropic scaling doesn't respect local coordinate system
18836	Frog splitting tool needed
18836	Frog splitting tool needed
18850	Problem writing ISC file for long file names.
18851	TR: 1.418 Incomplete job whereas CADfix complete with success
18862	Measurement and Plotting Problems with Cone Tip Face V100 in sld1013 Test Output
18879	ProE native export in CADfix SP2?
18880	CADfix 10 SP2: Strange log and bug report when exporting to CreoView
18905	Isolated CGR import not working anymore
18910	Colour contour facet splitting creates invalid display facets
18919	Face tags in CADfix
18933	CADfix1000sp2 crashes when solid shading - 10SP1 & 1000dev no crash
18934	Diagnostic edge problem has NO display
18935	Prepare for CATIA V5 misses non-finite volume
18938	Weld small gap leaves hundreds of points behind
18943	Database corruption when appending elements to a zone
18944	CADfix crash building body (CSTR REZONE)
18945	How to convert "thin" plate or sheet to shell?
18954	Incorrect address on GUI failure message
18955	CADfix 10 SP1 download full installation
18957	Technical questions in regards to ITI CADfix
18961	CADfix 10 GUI startup issue
18963	Import system menu should from UG from the NX systems
18967	.dat export should cope with unembedded surfs
18971	Question related to CADfix Download
18976	DIVSTORE Corruption on Saving of Model. ** Fatal 75 ** Error reading model database file.
18994	Quality scan with cadfix
19010	Alpha Window Save Default Model Name
19018	Add command to create combined lines across 2-valent vertices.
19019	Supported Platforms
19031	Error 402 in PRNT VIEW
19038	Bug in zone handling when joining faces in CADfix v10 SP1
19040	Bug in Solar chain definition found (CADfix v10.0.1.7) (SEMAPHORE Incident ID: INC000004373954)
19047	GUI help link to web site no longer works
19050	Searching for trim-surf.stp
19053	SSIM FROGFIT is not working correctly on some closed cylinders
19054	COOVAD errors during swept meshing
19058	Warning: Non-existent include directory "/d4/dv/cadfixdev/pcl/include/vtk-5.8"
19069	Includes .cfg problems again: Distene this time
19071	Folded meshing of CRM using DP BLAYER DVAPP
19079	Bug in zone handling when joining faces in CADfix v10 SP1 (SEMAPHORE Incident ID: INC000004373253)

19086	Database Upgrade Broken
19088	Bug in Solar chain definition found (CADfix v10.0.1.7) (SEMAPHORE Incident ID: INC000004373954)
19092	Bug: Solar sources not active on import in CADfix v10.0.1.7 (SEMAPHORE ID INC000004423575)
19099	Extra Batch Licenses for SOLAR/CENTAUR Export?
19101	OOCFI licence
19106	CADFix enquiry
19107	Best Prepare option for ThinkDesign
19121	Error 402 retrieving DVAPPs via FGVALS
19122	Distorted CADfix shaded view
19126	CADfix Licence Location
19127	No errors from FROG GENE FACET when face fails to mesh
19133	TAU export crash
19134	Sending and read a PDE file changes facet numbering
19140	Error 402s processing NASA CRM
19142	Need help for GE presentation
19144	NDA & CADDS File Conversion
19151	CRASH
19158	CADFix JT
19161	NDA & CADDS File Conversion
19168	Temporary user account information
19169	CADDS data from Trucast
19172	FROG Facet Tree Leak
19181	MESH MANUAL MATCH error?
19184	5/6 noded elements wrongly classified as TE4s
19187	CADfix licence problem unrecognised hostid
19193	Cross-reference from offset geometry to original geometry
19196	Implement QSM writer
19197	About CADfix 10 install
19198	Problem with dxfdwgconverter
19205	Cannot plot meshes
19206	Need help for GE presentation
19220	Cad import with version 9 (Simufact)
19226	Pyramid fold
19231	About Flexnet 11.13.1.0 buffer overflow.
19236	Bug: Solar sources not active on import in CADfix v10.0.1.7 (SEMAPHORE ID INC000004423575)
19237	Tau export needs surface mesh oriented to point out of flow domain
19260	Bug: deletion of solar sources results the deletion of model geometry in CADfix 10 SP1 (SEMAPHORE ID INC000004509971)
19261	Need a new option to FLIP E to flip surface elements to match geometry
19266	DBGET/DBPUT errors in MESH MANUAL MATCH
19279	Bug: deletion of solar sources results the deletion of model geometry in CADfix 10 SP1 (SEMAPHORE ID INC000004509971)
19303	Changes to manual mesh matching are broken
19309	Append mesh to body destroys body definition!
19323	Orphan mesh and mesh matching issues
19327	Questions from Orbital-ATK
19335	CADfix Error on Launch
19352	CRASH reading TAU MESH (dev)
19353	OFFSET2D: end connection wrong
19354	Segmentation error when exporting a CREO (.g) assembly
19355	Exporting to CREO complains about bad component names
19365	MESH MATCH errors due to min separation too small
19369	Hole cap created with a bad surface
19370	CRASH exporting TAU mesh
19387	Solid Works 2016
19390	CADIQ
19392	Slice tool needs a conversion to NURBS before anisotropic scaling.
19403	Bug in CADfix 10 SP1: point sources are deleted during wizard´s run (Redmine Issue #8824)
19410	SEND FB is broken when the command is given a single part rather than a set.
19417	Limitation of mesh export in cadfix9.0
19418	Limitation of Nastran mesh export in cadfix9.0
19428	SP201 and CADfix-Daimler-JT.config GUI error
19435	DEL MESH not cancelling manual mesh divisions
19451	GUI error from Solar Mesh Properties
19457	Need example to merge face
19466	Folded check in NURBS extension being fooled by single span degree 7?
19467	Support setup CADfix
19470	Venus-TET mesher needs PAVE_Meshing licence feature
19472	GUI bug cannot change TE Zones BC

19481	FROG splitting needs to be accessible from the GUI
19484	Opening Mesh Manager deletes Venus-TET imported mesh
19499	Message some people (and not others) get when loading a CATIA part into Geoduck ...
19506	CADFix Windows 10 Compatibility
19515	Compare_SML3160D-SPC-M01-A.7z
19523	Problem with dxfdwgconverter
19530	CADfix cannot import text assignments from its own FBD
19544	CADfix 8.1 bug report
19549	CADfix create obvious geometry when prepare to V5
19550	pdelib_help
19557	CADfixdev ADMIN test ad_percents_in_strings needs rubbish removal
19560	CFI export Limitation in lattice size
19567	Unique part number message on Assembly
19582	CADfix not running in AGPS
19585	NUC_T Leaks
19586	CADFix load step file
19588	First delivery of trailing edge blocking tool (HFM)
19588	First delivery of trailing edge blocking tool (HFM)
19590	read IGES file automatically
19604	Portability Problems with READ MESH TAU-GRID
19618	CADfix Question
19626	CADfixdev cadiq test failing
19627	Test BUD
19634	[CADfix]Next CADfix release
19635	CADfix api causes "Segmentation fault (core dumped)" on Linux
19636	Cannot start CADfix 10SP2 GUI
19642	[CADfix]Seamless data import to CATIA
19644	FROG property change does not update the FROG list
19646	False selection of FROG stops properties change
19654	CADfix mid surface test model
19659	[CADfix]Advanced STL options
19661	Incorrect message output from FROG GENE MEDIAL
19665	Make FROG GENE FACET skip existing FROGs
19670	Added CADfix transformation function to key
19685	CADfix downloads for missing library
19687	CADfix crash on split body
19689	sub-frogs no longer displayed
19698	STITCH gives GUI error
19709	List of CADfix features for advanced modules
19717	SHELL3D VAUT boundary face should inherit skin geometry
19719	SHELL3D VAUT badly orients face v488
19721	SHELL3D VAUT CRM model v483 not becoming blend
19727	CADIQ capability for Legacy data conversion
19733	CADFix read question
19735	CADIQ capability for Legacy data conversion
19737	VAUT WEIGHTED crash on Linux
19744	CADIQ capability for Legacy data conversion
19757	FTART Mesh error from XLAMUFIXLOR
19764	Cadfix10 cannot export to Solar
19774	CADFix translation issue
19776	A problem for cadfix api
19777	EMA Tartan Mesh error 402 - XLAMUFIXLOR
19782	PLMXML version
19801	Spelling mistake in absv.for
19802	[UK OFFICIAL] mouse support
19804	DIVSTORE entries *still* being cancelled on BACK
19807	Incident 7576, 7448 and 7549
19816	TE wakeblock meshing process incomplete when running win64 solar exec
19863	Crash in Boolean operations
19867	CADfix OEM version 10
19872	Licence CADIQ pour OPENDXM
19879	CADfix error
19889	How to query mesh parameters
19898	Chamfer remove cannot find 360 deg faces
19905	Is this the format I should use for multiple servers
19912	Quick Tartan Mesh Question
19913	New fillet removal makes NFA faces
19917	Problem removing near 180deg fillet
19918	Bad fillet removal

19919	Fillet removal causes face with shared shape to become unembedded
19920	Shape is not G0 continuous after fillet removal
19923	SUPP FILLET fails with no messages, nothing in FAIL set
19925	Don't remove fillets when fillet angle is > 120 degrees?
19933	CAD Import Query
19941	3D printing compatibility
19947	CADfix crashing after opening this database and valid model check
19947	CADfix crashing after opening this database and valid model check
19956	JT and Reverse Engineering Web References
19967	[CADfix]Windows Server 2012 R2 Hyper-V
19973	CADfix update - JT
19984	Midsurf Memory Leak
19985	ELTY command causes DBAN errors
19996	Make tau and qsm readers convert existing mesh to automatic
20000	Database Arrays 150, 151, 152 and 153 are INCOMPLETE
20013	Unexpected result when removing chamfers
20014	Another fillet removal failure
20016	Simple fillet remove failure
20023	Another fillet removal failure
20026	Another fillet removal failure
20042	Parasolid rejects valid NURBS line - why?
20051	Error Report
20053	CADfix chains error on 10SP2.1
20060	A Heap of Database Paging Errors and Error 402s Whilst Screen Picking.
20063	CADfix point coords measure error
20078	Bad BUILD Body set management
20081	CADfix Crashes during Wizard Diagnostics for FROGs
20082	Strange unnerving messages on batch import of CATpart
20095	C0 FROG Warning Message?
20106	GUI Error from Diagnostic "Collapse zero-are facets"
20109	Display bottom d/b summary not updating for facetted surfaces
20110	Crash trying to remove facet voids
20112	CADfix 10SP2.1 bug: source label disappears when opening individual part on source list
20129	Zero area facet fix CPU intensive, slow and ineffective
20134	Remove low facet count creates 4 extra faceted surfaces
20135	CRASH when you run diagnostic check on this model
20136	After fixing invalid facets the zero area problems go away
20139	CADfix
20147	GUI error when trying to remove Voids
20206	Old Parasolid file read into CF8.1 but not since
20208	CSTR CHAIN to accept angular tolerance argument
20212	Missing callback dvapp causes database corruptions
20231	SETA ... TYPE SH ANA
20235	CADfix- Windows 10 compliance
20246	GUI error selecting "Split faces with a surface"
20301	Linux licence problem
20317	CADfix calibration for Part name
20319	CADfix installation not working