

CADfix 8.0 Data Exchange Fix Change Notes

Change Notes for CADfix 8.0 as a brief summary of each fix arranged under their respective Problem report number(s):

cf00397	Parasolid body checker problem
cf01354	STEP import giving PDE/Lib errors
cf01628	Cannot read in old database with incomplete NURBS
cf02216	Edges being corrupted at internal discontinuities
cf02393	CADfix crashes saving file
cf02905	Dekinking Deletes part of Model
cf03520	ProE export OK on Windows fails on SUN
cf03926	Cannot pick into the integrated probe
cf04122	LSIM converts a straight to an arc
cf04273	A problem with the delete feature function
cf04280	Delete fillet was going wrong
cf04326	Delete fillet was going into a loop
cf04357	C1 fillet removal fails
cf04358	C2 inconsistent results with same model diff input
cf04382	Active selection makes the light source jump around
cf04411	Delete feature command was being heavily affected by the tolerances used
cf04419	Regression in delete fillet function
cf04422	Delete of the step in the housing model failed
cf04424	Delete fillet was failing
cf04427	Delete fillet failure
cf04433	Failure of the delete feature on a shell model
cf04554	Inconsistent fillet deletion
cf04556	Delete feature fails on this "nibbled" fillet
cf04593	Merging not always successful with import of STL
cf04636	Delete feature succeeds but makes a bad line (poor help point)
cf04637	Bad intersection cut-line not noticed and not giving errors
cf04650	Delete feature fails w/out UNDO and leaves bad geometry
cf04663	Inconsistent Delete feature behaviour
cf04695	Connectivity legend confused
cf04719	Dynamic highlighting of FROGS hops around the wrong shapes.
cf04739	Delete Fillet find gets cylinders and pipes
cf04740	Deleting group fillets we give up on all if only one fails
cf04748	Delete fillet gives up at the first hurdle. Fixed by the addition of "chunking" algorithm
cf04750	Failure to build body after prepare
cf04754	Units for SC03 Export
cf04808	Support for free point export to IGES was added
cf04809	Another "ON" case that wasn't caught: Case of a sloppy line. Distance from closest line to surface > tol, but it is a perpendicular distance, caused by sloppiness. Check distance from projection of boundary position on surface. If this is within tolerance of surface test point, then consider it "ON".
cf04811	Loading manager GUI error
cf04812	Problems with Loading Manager
cf04814	CAE Data pattern manager not right
cf04817	Problem with planar splitter
cf04828	Blatant non-finite or undersize problem being missed
cf04835	Marquee pick in set manager stopped working. Needed to complete down while in marquee mode
cf04838	Projection (Ray firing) at torus shapes returns wrong values which causes a problem for splitting
cf04842	Models, which have periodic faces or edges, can't be read. Fix to the CADex import to split torus surfaces in more cases, and a fix to the way CADfix converts a torus to a NURBS.
cf04844	Join on faces in Work set does not put result in work set
cf04855	DELQ meshing not working on fillets
cf04858	Delete feature fails on this chamfer
cf04864	Help text viewer options Firefox and Mozilla needed to be added on Windows and UNIX
cf04866	CADFIX_KEY needs to support redundant servers
cf04870	Model Tree needs to show free points.
cf04874	Need to split torus surfaces on import in more cases
cf04877	Error in UNDO when attempting to retrieve MARK descriptions when there are no MARKs in the model
cf04878	Missing alpha text window on start-up in CAE mode
cf04881	GUI Error on opening or closing Export GUI option
cf04882	GUI Error when moving cursor into fix methods window
cf04884	Preference setting 'repaint last picture' not working in CAE mode
cf04888	Couple of simple features that we cannot suppress
cf04895	Export to CAG of assembly hangs CADfix
cf04903	Meshing process results in cracks in model. The tet mesher is failing to respect the face meshes and so as a last ditch attempt it allows itself to have some tet faces that do not correspond to the surface triangles. The nodes are always respected, its just that some tet faces will cross over the face

triangles.

cf04919 Splitting a body with a plane goes wrong especially when the splitting face has a shape coincident with the splitting plane

cf04921 About CADfix has the WRONG expiry date 2037

cf04926 GUI error from manual collapse tool

cf04929 Strange Surface Approximations

cf04931 Strange Spline Surface Fitting

cf04933 Could not split a torus because ray firing on torus give hit that is OFF the torus

cf04934 Deleting elements takes hours on a large model. Fixed with a workaround of using ZAP

cf04935 Join is making curved lines straight

cf04936 Problem with delete fillets

cf04944 Removed the Pro/E import option for "shells" as it was superseded by the free faces flag that was introduced for all import types at CADfix 7.0

cf04947 Diagnostic results in Wizard regression tests are suspect. So the tolerance used to identify faces with grossly undersize shapes was changed. Tolerance is now max of 2*sloppyTol and 1.0E-04 of modelDia

cf04949 Font filter set to 1 misses all lines in this IGES file

cf04951 Delete feature has problem with single sided winding loop

cf04954 GUI wrongly insists on ACIS licence feature for CATIA V5 export

cf04955 Degenerate NURBS causing shading to fail

cf04957 SC03 Error Message for Empty Array of assignments

cf04959 Repair creates non-finite are faces on this STL file

cf04960 Light healing says it succeeds but actually wrecks line

cf04963 Add support in CATIA V5 for importing multi-lump solids as combined bodies

cf04964 PRO/E import fails if path to file contains .asm

cf04965 Delete Fillet FIND misses out corner fillets

cf04969 Delete feature hangs while processing a model

cf04969 Delete feature hangs while processing the model

cf04970 Find fillet in the Set manager fails to find 3 obvious faces

cf04972 Delete fillet fails to remove a simple ring of fillets

cf04973 Assembly structure missing elements because free faces have been switched off by default. The Assembly structure should show missing parts at least

cf04978 AGPS import fails with this circular (type 14) NURBS curve

cf04986 CAE side menu being overwritten

cf04992 Refit surface does not like shapes with degenerate corners

cf04993 Intersecting loop test fails to fix this overlapping loop

cf04994 AGPS export mustn't export non-ASCII chars in object headers

cf04995 ACIS Import is omitting body colour

cf04996 CADfix CAE crashes on REP

cf05000 Polygon pick in the Set Manager does not work and keeps disappearing

cf05001 COPY command has gone wrong

cf05008 Dynamic picking of elements and nodes > 9999 was not working

cf05009 CATIA V5 will not import in Japanese environment. The locale must be set to work correctly when multi-byte filenames are used. A new function to detect and set the locale was created.

cf05011 Would be nice if the GUI measure tool could give angles

cf05014 Invalid bodies were not being detected during repair

cf05014 Invalid solid not detected and incorrect repair

cf05016 Error in Face-Nick meshing

cf05017 Delete feature seems to hang on this fillet. This was caused by an infinite subdivision

cf05018 Serious problem with UNDO of feature deletion commands were UNDO would also bring back previous deletions. If the new mark results in the previous mark being renamed as a branch mark then instead of merging the new mark with the branch mark we must merge the branch mark with its previous mark.

cf05019 Fillet removal going wrong

cf05020 fillet removal regression because of problem with side merging where one side had a valid "container" face (face that represents the area that the side can be extended to), and the other one did not. The merged side only had the one container, which no longer represented the area that the merged side can be extended to cover. The fix was to not give the merged side a container if either of the merging sides lacked one.

cf05021 IGES 112 line fails to import properly as it was a discontinuous spline which is now imported with a warning

cf05023 True line length measure and radius of curvature added to the measure tool

cf05025 Heavy healing keeps giving different results

cf05026 STL import corrupt

cf05027 Display of assembly is wrong

cf05028 Display of shaded assembly gets light shading wrong

cf05030 UNDO produces a GUI error

cf05031 Delete feature does not work on this set of fillets

cf05032 memory violations healing code

cf05034 Delete feature does not work on this feature

cf05035 Delete feature cannot delete a small 6 face fillet

cf05037 Delete feature creates a nasty spike from this fillet suppression

cf05040 Delete feature is not tidying up very well after a deletion

cf05043 GUI error when you open and empty model

cf05044 Grossly undersize surface check is wrong
cf05045 Splitting a face goes wrong
cf05049 Join faces when there are lines in SELE set gives GUI error
cf05058 Face split, point on edge pick in quick pick does not work
cf05060 Invalid surfaces created during import of Parasolid file. A torus was being created when it should not have been

cf05061 Segmentation fault on Sun while orienting a face
cf05062 Segmentation fault on Sun from a triangular face with the same neighbour on two sides
cf05064 Segmentation fault on Sun with NURBS badly identified as rational in both directions
cf05065 Segmentation fault while light healing
cf05080 Delete feature corrupting geometry of model
cf05085 Delete fillet was removing holes from model because the find was catching seamless faces
cf05087 Import of UG Parasolid units was not being respected
cf05092 ACIS import missing 2nd lump from multi-lump solid
cf05095 STL import as faceted surface has holes
cf05113 GUI was hanging when assigning labels to large sets
cf05114 German language dictionary corrupted at SP2
cf05118 New controls to check whether the file format is for Centaur or FLITE3D
cf05122 The default tolerance for Join edge was being set too large
cf05123 Face splitting by sketching not working properly
cf05124 Light healing makes a mess of degree 1 edge
cf05128 On-line help was looking up the wrong file
cf05130 Mesh Manager not echoing the meshing process
cf05144 Splitting a line corrupts the mesh division application rules
cf05145 Removal of XASgment does not change MARK status
cf05153 CATIA v5 part fails to import on SUN
cf05154 CATIA v5 failing to bring in the correct UNITS on SUN
cf05160 Error 402 from frog storage
cf05165 Improvement to delete feature for redundant vertices and connectivity 1 edges
cf05170 Request to create a perpendicular from a point to a surface
cf05176 Problem handling CATIA V5 R11 model files
cf05181 Problem with the delete feature function on HP
cf05222 Wizard simplification not replicating Interactive command
cf05227 Delaunay meshing fails Error 402
cf05273 Import IGES and export to Parasolid changes colour assignment
cf05527 Prepare breaks model
cf05556 Problem with FLITE related commands
cf05562 GUI error from part browser "Sets" option on STL model
cf05563 Approximate zero weight in Parasolid NURBS needs correcting on import
cf05564 Invalid STL mesh generated - edge node mismatches
cf05566 SGI OpenGL does not work
cf05567 CADfix dies during fillet deletion
cf05568 Healing makes line very sloppy
cf05570 Shading of some faces shows dull strips, no reflection
cf05572 VGL crash in GDVGL with VS2005 compilers
cf05574 Can't import IGES file with no extension
cf05575 Crash during repair on windows using VS2005 debug build
cf05577 SC03 export problem not respecting re-centre instruction
cf05582 Process each assembly component in turn not working
cf05583 Bug in RBI plot code
cf05584 Need the RFC plot code to work with beam elements and stop legend being drawn in user defined colour

cf05585 FROG to NURBS conversion makes poor NURBS
cf05587 New PROC to control Delaunay mid-side node
cf05590 Serious corruption from BACK or PACK command
cf05593 Parasolid export affects diagnostic scan, makes edge degenerate
cf05595 Parasolid import not importing colours on wireframe models
cf05596 Offset surfaces not importing correctly from UG/Parasolid
cf05597 PLOC SDIV <div> GREVILLE not working
cf05598 SSIM of spheres to NURBS
cf05600 Serious errors in Join Faces Tool
cf05601 Fails to build planar shape from point and normal
cf05602 Expensive "Narrow faces" test in too many scans
cf05608 New Build edges tool using Intersection lines
cf05609 Closed surfaces are invalid NURBS
cf05611 Significant healing bug
cf05613 frog storage errors screwing up mo
cf05614 New healing problem
cf05621 IGES cubic p-curve fit producing very bad p-curve
cf05624 GUI error using Result Manager
cf05625 Result Manager issues
cf05628 Can't read some FROGS back from dump file
cf05629 Polygon picking doesn't work with FROGS

cf05631 Parasolid Prepare problem and bug in Diagnostic window
cf05636 Corrupt FROG database
cf05637 Can't shade a face made at two separate regions
cf05639 When database buffer allocation fails, try for smaller size
cf05640 Sloppiness results are totally wrong for cone shape
cf05644 Reset button (or menu item) for alpha window
cf05652 Facets don't come back after rotating under the GUI
cf05655 Update GUI 'Save As'
cf05659 Japanese text not correct
cf05660 Display issues
cf05664 Modifications to batch process for repeat of transform
cf05665 Tolerances used for Delete fillets different
cf05666 CVTH result display not correct
cf05669 PRNT and GRAF clip small result values to zero
cf05671 Text editor pastes twice
cf05673 Lattice access from restricted by Tartan licence
cf05675 Join Find followed by close hangs GUI
cf05676 Join status and information windows giving confusing values
cf05678 IGES export to 143/141 bounded surfs failing
cf05679 Join surfaces tool fails after using smart select
cf05681 CADfix crashes during Delete Fillet
cf05683 Wizard repair leaves lines after removing voids
cf05684 Parasolid import: edge shoots off way outside model
cf05687 Network FlexLM licensing in the GUI doesn't work on Linux64
cf05690 Deleting any XASG causes mesh to be cancelled!
cf05691 PLOC BGND GRADED is not GUI compatible
cf05693 CWC file tolerance and units expression causing error
cf05694 Cancel colour selection
cf05696 More frog crashes
cf05698 New "Save as" in CAE locks the alpha window
cf05706 Pop-menu appears after rotating model with 2 buttons down
cf05707 Clipping planes too slow to manipulate
cf05708 Angle unit not recognized
cf05709 Negative cone angles
cf05710 Catch low system memory warning
cf05711 LSIM to ARC fails with error 841
cf05712 Serious problem with IGES assembly handling in Repair
cf05713 Argument mismatches in CFI
cf05714 STL import has problem with multiple geometry solids
cf05715 Batch runs on Windows hang after processing models
cf05716 Command line batch run doesn't handle filename patterns
cf05722 Mesh Manager for Hybrid Display not working
cf05723 Probe cannot make a set of elements
cf05725 DXF import of MESH entity producing distorted geometry
cf05726 GUI licence feature expires a day too early
cf05729 Tiny quibble with CAE Save As function
cf05733 CADfix - Top 50 now Redundant
cf05734 When GUI hangs and is killed cadfix.exe races and database is lost
cf05736 Right click in Progress monitor not working
cf05739 Problem with animation and titles/legend
cf05746 GUI Error from Prepare Wizard GUI
cf05751 Segmentation fault crash on Linux
cf05752 Crash on Linux with Display Frame on graph plot
cf05753 Result manager GUI problem for Percentile plot
cf05756 Bounds exception errors running in tests with debug exec
cf05758 Results Manager GUI drop down problem
cf05759 Results Manager deform selection cannot be removed
cf05760 Explode assembly in selection mode and image is left blank
cf05764 Can't sort model tree set view by label
cf05767 'Save As' options extended for CAG and GDX
cf05771 Wizard Transform Join faces builds holes and leaves them
cf05773 Join Edges is leaving combined lines behind
cf05776 Prepare damaging model with NURFIX DEGEN
cf05784 Zone will not mesh giving false messages
cf05785 Zone meshing giving false non-finite area message
cf05786 CADfix cannot import Parasolid model it exported
cf05789 Meshing of zone bodies not working
cf05792 GUI Wizard not saving to CWC file
cf05794 Ctrl-C in detached alpha window clears buffer
cf05795 working set contents change when changing tolerance in degenerate shape
cf05799 Macro dialogue inconsistent position remembering.
cf05802 Problems with new OFFSET tests
cf05803 Sloppiness report loses selection display when closed

cf05804 Display not repainted after smart healing fix
cf05805 Upgrade export system menus
cf05808 FGATGT cannot get data on combined parts
cf05810 Bad mark ID leads to error 402
cf05811 Closed NURBS imported from Pro/E
cf05812 Formalise prepare process enhancements
cf05813 Parasolid import: NURBS wrongly trimmed, undersize
cf05814 CADfix cannot open its own d/b set handling causes crash
cf05817 Circular arc line imported wrongly
cf05818 Parasolid import bug with closed NURBS surface
cf05821 Duplicate bodies not being found
cf05822 Large STL set handling problems
cf05826 Zone meshing gives Error 402
cf05828 ESMO gives error 402s on a face using a FROG
cf05831 Parasolid export messages incomplete on Linux
cf05832 Shaded image not repainted after rotation in VGL(X)
cf05834 HEAL LIGHT wipes picture!
cf05836 Parasolid import problem: huge surfaces, missing edges/faces
cf05838 Distance measuring tool doesn't work for sets of points/line
cf05839 Error 402 from FROG ! GENE MESH
cf05840 Zone refuses to mesh
cf05842 MOVE command doesn't appear to work on FROGS
cf05843 VGL crash after animation manager used.
cf05846 Parasolid import: surface smaller than face, needs extending
cf05847 Import of free faces in assembly models
cf05848 Finding voids can be very slow on large models
cf05851 CADfix crash when exporting p-curves to IGES
cf05853 Marque pick hangs on large models
cf05854 GUI error after polygon pick
cf05855 Add new solid void processing options
cf05856 DXF model imports badly
cf05856 DXF model imports badly
cf05860 Export to ACIS making illegal cone
cf05861 ROPEN command causes errors with selected RDEF
cf05862 Need Layer information from DXF files and/or read GDS files
cf05867 Cannot read Solid Works assembly
cf05868 CATIA V5 publication tags not imported by ACIS-V5 reader
cf05869 SAVE COPY concatenates the file extension
cf05869 "Save as" and "Save Copy" concatenate the extension
cf05873 Splitting seamless faces very slow on large models
cf05874 Add support for tag import of Parasolid into CADfix
cf05876 ACIS Export Error (Access Violation)
cf05878 Not importing any layers from CATIA V5 via ACIS
cf05880 GUI error when exporting to IGES about colour problems
cf05880 Export to IGES has a colour code problem
cf05881 Need a simple remodel line tool using intersection line
cf05883 GUI error on model open
cf05883 GUI error on model open
cf05889 Pro/E accelerator files missing, need to warn user
cf05890 Prep for Parasolid needs to fix flat cornered NURBS
cf05891 Degenerate NURBS corner not being found (SU-DP)
cf05893 Delete fillets fails on this model
cf05896 Wizard batch run fails with unclosed shells
cf05897 GUI error from Wizard batch run
cf05897 GUI error from Wizard batch run
cf05900 Need a fix for faces with cusp corners (LO AS)
cf05902 "Save As" not changing Export File Name when changing format
cf05903 Loading cwc Files sees "0.1:MM" as tessellation value
cf05903 Loading CWC files sees "0.1:MM" as tessellation value
cf05909 Find holes in bodies display doesn't go away
cf05910 STL import of multiple solids wrong
cf05916 Move/Copy- Define not accepting numbers as input
cf05918 Error 402 from FROG command
cf05921 SC03: non-rational NURBS with non-unity weights output wrong
cf05922 Basic selection Box select not making a set in SP1
cf05924 non-G1 PDO test not finding curves with degenerate G1
cf05926 multi-region planar face fails to shade
cf05927 STL export ignoring facet turn angle setting
cf05929 Marquee select only visible faces not working
cf05933 CADfix CAE removes combined lines from surfaces
cf05936 Container self tests fail on AIX
cf05938 Pro/E export filename length limit NOT being applied
cf05940 GUI Error from split face with a plane

cf05942 Export to CAG loses ALL SETS
cf05943 General Model scaling tool
cf05947 Support for multiple solids and labels in ASCII STL files
cf05948 Export of layers on free faces not working with CATIA V5
cf05949 Export to V5 is using "DEFAULT.CATProduct" as the filename
cf05951 Automatic overlapping faces diagnostic check
cf05953 Result Manager gives GUI error for Graph tab
cf05954 Serious file opening problem in SP102
cf05955 SP1 Broke Hole Removal
cf05956 Point and Edge Connectivity Legend Display Interference
cf05957 GUI Error in Model Tree Browser
cf05958 Model Scale Option in Geometry Builder
cf05959 High level degenerate surface fix
cf05961 Install giving error
cf05963 NURS name GENERATE NBLEND uses new name
cf05966 Japanese Language word wrong
cf05968 Assembly Part name and Instance confusion
cf05973 Very large batch runs on Windows die after 200+ models
cf05976 No find/fix for Parasolid Loops inconsistent
cf05978 Import of SAT file not reading labels
cf05979 Model Tree Properties not being kept
cf05981 T-Junctions - Only Poorly Connected Edges Option
cf05982 Cyclic Symmetry for SC03
cf05985 GUI error from Large Pro/E assembly
cf05989 SC03 licence should be checked back after export
cf05992 Wizard Repair Breaks Model and Collapses Parts
cf05998 NONRAT fix crashes CADfix
cf06002 NURS name GEN NBLEND creates horrible twisted shape
cf06007 Partially degenerate NURBS wrongly seen as closed
cf06013 CATIA V5 exported can't be opened in R16 or earlier
cf06017 Sequence of nodes along a line not working
cf06018 Regression in fillet suppression
cf06019 Diagnostics results for Duplicate points not kept up to date
cf06021 Parasolid blend surf importing as badly distorted NURBS
cf06028 STEP import fails to correctly convert part
cf06030 FIND fails but previous selection is restored
cf06032 Result of fix being left in display
cf06035 FAIL set limiting scan of ALL model
cf06036 Assembly export to Parasolid fails
cf06036 Assembly export to Parasolid fails
cf06037 Body splitter not updating assembly sets
cf06039 Unused shapes go missing during prepare
cf06041 Clipping planes not effective when using primitives
cf06043 Unreliable shaded display algorithm
cf06045 Remove holes from a face as part of a batch process
cf06048 Zone Manager loses renamed zones
cf06049 After meshing Zone assigned element MSTY is DELC
cf06051 Zone Manager EMBED button not standard
cf06052 STL export using Zone facets does nothing
cf06054 Right click in Probe fails if Set Browser open
cf06056 Mesh Manager not meshing selected parts
cf06057 Mesh Manager highlights model in white
cf06062 Basic selection allows matching of label attributes
cf06063 Narrow faces fix with zones not working
cf06064 Narrow faces fix join will not allow picking of faces
cf06065 Join bodies fails to find all touching locations
cf06066 Join Bodies find/fix leaving picture in a mess
cf06068 Move/Copy Define gives invalid GUI error
cf06072 Closed NURB splitting splits face maybe unnecessarily
cf06074 FAM menu text gets corrupted: font changes, not wiped, etc
cf06077 BSPL is deleting bodies
cf06078 Overlap removes irrelevant face
cf06079 Add a set of parts to the BUILD faces tool by name and CR
cf06080 Personal CADfix GUI settings not 800 inherited from 710 by
cf06081 List zones in the model tree
cf06083 XASGments on zones in a set
cf06084 ACIS body checker output still not right in qcadfix
cf06085 Annoyingly persistent legend
cf06087 Inconsistent diagnostics
cf06088 Problem splitting edge with a point
cf06089 Add labels for DEM Export for DEM Solutions
cf06091 Basic integrity corrupts a closed NURBS
cf06092 Test for FA NA crashes CADfix (regression)

cf06096 GUI error when splitting a face with a plane
cf06100 Overlapping face fix finds but cannot fix
cf06101 Problems with the Japanese dictionary use
cf06105 Hijacked plot code ZRV doesn't work in assembly view mode
cf06112 PRNT DBAN errors from JOIN faces
cf06115 Error 402 from mesh quality set open
cf06118 Plotting these DIVAPPS goes into an infinite loop.
cf06120 Error 402 from BUILD CS SLIVER
cf06121 Error 402 from FROG GEN MESH causes JOIN faces to fail
cf06122 Zones are being stripped from FBD on reading
cf06132 cadfix710 FBM file loads into 800 corrupt (CSYS & PLOT's)
cf06138 CADfix hangs during sharp angle fix
cf06139 Japanese filenames being corrupted
cf06145 Some PDQ output now, inconsistently, has trailing '='s
cf06154 DIVBAL looping on HP-UX
cf06155 Save As GDX/CAG fails and locks-up GUI on Assembly models
cf06162 GUI error from import OPTIONS button
cf06163 FAMfromIGES generates sets with a4 names
cf06165 GUI Error then Model tree function stops working
cf06166 Picture list dialogue transparency delayed update.
cf06168 GUI error from delete fillet
cf06170 Another FAMfromIGES long name problem
cf06172 Error 402 from BUILD CS
cf06173 CADfix crashes with a SEND ALL PARA 19 0
cf06180 another crash during sharp angle fix
cf06181 Light healing goes awry
cf06183 NURBS splitting problem
cf06184 Non-finite area fix goes wrong
cf06185 filename length truncation causing confusion
cf06186 Unigraphics toroid importing as a sphere
cf06187 Check tab filter buttons not displayed
cf06188 Error 402 from BUILD CS
cf06190 Export to SC03 crash and Error 402
cf06191 Export to Parasolid failing
cf06193 Prep fails but non-finite-area face not spotted as cause
cf06195 Join faces in zones gives PRND DBAN errors
cf06197 Quick fix join faces does not work - nothing happens
cf06199 Join faces fails after SAVE database
cf06202 Sharp angle test not working for this example
cf06204 Closed NURBS fix display wiped
cf06205 Closed NURBS splitting should rotate the seam and not split
cf06215 AGPS integration: unsupported type selected too slowly
cf06216 IGES import does not read bounded surface 143
cf06219 Persistent name errors during database upgrade.
cf06220 Grossly undersize not finding this badly twisted NURBS
cf06222 Re-scan when SELE is work-set going wrong
cf06224 NURBS sphere gets deleted during repair if bound Untrimmed on
cf06225 CADfix exterminates STL data when imported as FROG
cf06226 Hybrid meshing failing at CONN=3 lines
cf06227 AGPS integration: sending model to AGPS fails
cf06229 Memory stomping in FGNAME
cf06230 Valgrind reports memory leaks and other issues in CADex
cf06231 TARDEC assembly processing fails with SolidWorks Assmb
cf06232 V4 model dimension not changing Prep tolerances anymore
cf06233 Export to CADD5 fails with model units as inches
cf06237 NURFIX SH TWISTED fix corrupts lines!
cf06238 Repair fails to fix 8 faces with non-closed loops
cf06239 Orient crashes CADfix on this NURBS
cf06240 Partially closed NURBS gives bad p-curves & NFA
cf06242 DEBUG STUB C rejects valid syntax
cf06251 GUI error from Probe
cf06252 Import problem with UNICODE character in pathname
cf06253 Need a specific error message to incompatible database
cf06258 AGPS integration: 7.1 code crashes when given wrong license
cf06259 AGPS integration: transformed objects incorrectly named?
cf06261 Replacement Failure - Clash of Mesh styles
cf06263 geomFixer_priv error when opening CADfix database
cf06264 GUI error while saving a large model
cf06273 JOIN gives Error 402
cf06276 AGPS OEM: CATIA v5 import failing
cf06278 CADfix Parasolid export cannot be read back in
cf06279 Quick fix for flipping face orientations drops selection
cf06280 GUI Error from long name version save of 2+GB

cf06284 SETA ASGD syntax screwed in qcadfix800
cf06285 Strange WRIT TO behaviour
cf06287 Odd mix of 1-face sheet and 1-face solid bodies from ACIS
cf06294 Max NURBS in IGES file limited to 30000 control points
cf06297 Name table error in SSIM
cf06302 line discontinuity warnings never healed
cf06304 SUBS/TRFM Creation Messages in hundreds of CADex tests
cf06306 Short Name Wrapping Incompatibility in CADex test
cf06308 Merging of multiple IGES models gives GUI error
cf06309 Mirror copy making badly oriented faces
cf06310 Another FAMfromIGES ACCTOL issue
cf06314 Batch export to Wildfire2 gives Granite 4 file
cf06315 Error 402 from PSINI3 opening this model
cf06325 Undersize NURBS imported from Parasolid
cf06335 Bad surface mesh leads to bad wrap
cf06341 CADfix constantly losing licence and crashing
cf06342 Custom Prepare saved options cannot be recalled
cf06345 closed NURBS split fails to rebuild split faces
cf06346 PDQ SO EM fails to find overlapping bodies
cf06348 Split body with a plane fails and gives Error 402
cf06349 Preference setting explode assembly going wrong
cf06352 PRNT DIMS returns wrong model diameter on FROGS
cf06356 Narrow face neighbour choice is suspect
cf06360 Results Animation broken in SP2
cf06366 Delete fillet makes body go inside out
cf06368 SUPP breaks model
cf06369 Not importing colours from this V5 STEP file
cf06370 GUI Name generation inefficient
cf06374 "Retain current selection dialog" pops up too often
cf06377 More faces that fail to shade (at certain FTOLS)
cf06378 More faces that fail to shade
cf06380 SETA COIN S is modifying body definitions!
cf06383 Wizard Transform - remove seam does not work
cf06386 Repair failure in qcadfix800 (tolerancing?)
cf06388 Crash in UNDO
cf06391 NURFIX OPEN leaves grossly undersize shape
cf06395 STL export and Preview fails with strange error
cf06397 Build Bodies from Holes Leaving geometry behind
cf06404 Find fillets fails after model is split up
cf06405 Diagnostics does not find Parasolid G1 discontinuity
cf06406 Undo showing phantom marks
cf06408 NURFIX DEKINK causes crash
cf06409 FAMfromIGES hangs
cf06411 Join creates face but not shape and fails
cf06412 NURFIX TWISTED makes shape works
cf06419 LSIM to ARC loses XASGs
cf06423 GUI Won't export to GDX
cf06435 Parasolid import of torus face fails
cf06441 Add a Filter menu option to the model tree view
cf06442 Parasolid torus surf fails to import with fix for cf06435
cf06443 Improvements to STL export
cf06448 Error from scrolling import file browser with up/down arrows
cf06453 Need to remove the 5000 limit on lattice dimensions
cf06456 Fragmented shell tool finds strange groups
cf06457 Fragmented shell tool shouldn't find face rings
cf06464 Fragmented Join Not Finding regions
cf06466 More SH-FG problems
cf06467 DXF/DWG export doesn't support attributes
cf06476 Join Edges Failing after Fragmented Surface Fix
cf06477 SC03 export incorrect for body with voids
cf06478 Better/more %-on-line options
cf06480 Add join bodies and imprint to Wizard transform
cf06481 Simple face with one hole fails to mesh
cf06482 "Error 43: Unable to frame image" needs removing
cf06483 SSPL fails on faces with overlapping concentric holes
cf06501 PRNT M Output Unreadable on Large Meshes
cf06503 Backwards compatibility of FBD file suspect
cf06508 Closed AGPS face becoming unclosed on import
cf06510 AGPS integration: empty files can be created
cf06527 Export to CAG flips surface normal's
cf06530 pdelib closed face splitting breaks model
cf06539 Self-intersecting shell not found
cf06542 Batch processing from script not working in CADfix 7.1 SP2

cf06544 Display of analytic not respecting FTOL & FANG
cf06546 PDQ PCN SPEED FIX is not safe on rational NURBS, so output warning and skip
cf06547 PDQ PCN SPEED FIX making rational NURBS, by noise
cf06548 Shrinkwrap test model fails to mesh
cf06550 SSIM sphere to NURBS makes poor NURBS
cf06552 PDQ SU DC crashes
cf06553 Fixed degenerate NURBS re-found at same tolerance
cf06566 Error reading simple, new, huge database
cf06568 Fix for seamless faces makes all dependent edges straight
cf06573 Dekink corrupts NURBS and gives Error 402's
cf06588 Need a FROG stitcher
cf06589 smooth MO FROG shading
cf06591 In assemblies new icon for subdividing results wipes all
cf06595 Sharp edge angle does not work
cf06596 Untwisted fix problem
cf06599 Degenerate Fix Creating Twisted NURB
cf06608 crash caused by flipping a part instance number instead
cf06612 DLL missing from CADfix 7.1 installation for print manager
cf06614 PCN Speed rate fix makes rational NURBS by noise
cf06620 Meshing introduces database errors
cf06624 Parasolid import failure
cf06625 Replace a sphere with a NURBS fails under certain conditions
cf06631 Very strange SC03 import problem
cf06632 SC03 prepare and export scan
cf06633 SUPP crash in recursive Windows build
cf06638 PROC MGEN DELM EDGE FIXUP breaks PLUS SI
cf06641 Closed face = Seamless face?
cf06642 STL export use of zones should be used
cf06644 Repair deletes the only two bodies on this model
cf06648 Assembly result itemize button loses results
cf06650 FRAME not working
cf06651 Parasolid import of offset surf converted to inaccurate NURBS
cf06653 CADfix licence and product not working on Linux
cf06655 Cannot dynamically pick edges when elements in display
cf06656 Error in SC03 export geometry summary
cf06657 Measure gives GUI error
cf06658 GUI Error in Zone Manager after deleting faces
cf06673 Export to ACIS 17 gives version 18
cf06675 Repair creates convex spherical faces from a concave
cf06683 CADex slow to import AGPS model
cf06695 Fragments Face Join Find Crash
cf06701 Parametric speed rate fix makes shapes non-G1
cf06713 STL Manager Additions
cf06731 Inability to input point coordinates for principal planes
cf06732 GUI Hang if Invalid Split plane Defined
cf06735 Cyclic imprinting creates conn = 4
cf06736 Handling Shell Entities
cf06740 Export to SC03 on SUN gives GUI error
cf06745 MEDIAL S destroys picture list.
cf06747 Problem with imprint body cyclic
cf06748 NURFIX NORM does unnecessary scaling?
cf06750 Import of a VDAFS file export from CADfix fails
cf06751 Cannot import own Flite3D file
cf06754 New messages appear in regression tests
cf06760 NURFIX NORM introducing hyper multiple knots
cf06761 Basic selection filter by label not working
cf06766 Prep for SC03 Introducing very tiny surface patches
cf06769 Hole removal misses valid hole
cf06773 Undo/Redo branch marks not needed
cf06778 Cyclic imprint goes wrong
cf06779 Add tolerance to quick fix Modify Parameters menu
cf06780 Add an angle to quick fix Modify Parameters menu
cf06782 Add an 'edge curvature' measure to remove fillets menu
cf06785 new PROC MGEN options not consistent
cf06786 NAMETABLEGETNAME: Error getting a name from Handle: 0
cf06792 Join Body creates conn = 4
cf06797 GUI error from export button
cf06803 Wizard Prepare Fixes Degenerates then Creates them Again
cf06804 New DELM FIXUP causes mesh failure
cf06810 Greater Control for Sharp Angle Fixer
cf06814 Cannot shrink-wrap model due to meshing failure
cf06816 Warning message gets hidden cannot click OK
cf06820 FRGFIX FOLD crashes CADfix

cf06822 DELM FIXUP fails to fix this face
cf06823 Sharp corner fixer ignoring MINSLOP option
cf06827 GUI error
cf06830 UNDO doesn't deal with open macros.
cf06837 GUI stomps my GTOL setting when I reload
cf06839 Results Manager graph along line note working
cf06840 Empty Smart Healing report dialog
cf06841 SUPP fails on simple analytic intersection
cf06846 FROG GENE INV needs to work on a set
cf06847 FRGFIX should update MOD flags
cf06849 FRGFIX DECIMATE doesn't work on a set
cf06851 ORIENT does not work
cf06856 MESH command causes CADfix 8.0 crash
cf06858 TCL errors and complete failure of wizard tests on Linux64
cf06862 Attributes are not being transferred in SP3
cf06864 GUI doesn't save correct screen coords for "Iconbar"
cf06866 GUI refuses to display mesh of results only model
cf06867 GUI Sequence manager tool gives error picking nodes
cf06868 Cannot pick nodes into the SET Manager
cf06869 ACIS body checker no longer works with CADfix
cf06874 Shrink wrapper problem
cf06875 Repeat FROG decimation crashes CADfix
cf06876 FRGFIX FOLD creates extra geometry
cf06879 2D MO crash on extremely sharp cornered face.
cf06881 CADfix refuses to start if no Windows short names present
cf06883 Error 402 in NAMETABLEPUTENTITY
cf06884 decimator fails
cf06885 Something amiss when deleting embedding shape of a zone
cf06886 WRAP failing
cf06888 WRAP spikes along a straight edge
cf06890 Explode assemblies loses attributes on solids
cf06891 Wrap creates spiky facets
cf06894 WRAP cannot cope with housing
cf06897 WRAP struggling with long step or ledge in model
cf06899 FRGFIX ... FOLD corrupts model and database
cf06900 CADfix is not logging a FRGFIX command
cf06902 Decimator leaves hole or slice cut out of model
cf06904 Error 402s from BUILD CS SLIVER
cf06909 Fragmented NURBS fix crashes when set contains analytics
cf06910 CADfix re-embed face deletes all the geometry
cf06912 FRGFIX ZA fails to fix sliver facet
cf06914 Prepare makes non-finite body
cf06915 UG import in generic mode mixes up colour attributes
cf06916 Crash during meshing
cf06919 FROG GENE INV leaks
cf06920 FRGFIX ZA corrupts FROG
cf06923 SSPL fails to split face
cf06924 Error 402 from QSUR
cf06926 CADfix Wizard not working through presence of ZONES
cf06927 PAVE mesh falls over with holes and bad elements
cf06932 Complete failure to open .model files
cf06933 Find holes finds holes where hole has been capped
cf06935 Help for meshing Closed faces
cf06936 PAVE mesher leaves hole in face
cf06937 Shrink Wrap Fails using FROG GENE FACET
cf06938 PAVE mesher struggles with annular face on cone
cf06940 CADfix Crashed upon changing Shrink-wrap Settings
cf06941 FROG GENE FACET NOJOIN
cf06942 Join Bodies Fails to Build Solid - But you can manually
cf06944 FRGFIX ZA corrupts FROG
cf06945 Fragmented NURBS fix still joins a ring of faces
cf06947 DVAPP combination completely different on similar lines
cf06948 FRGFIX ZA throws error fixing shrink-wrap
cf06949 Multiple FROG GENE INV calls cause corrupted name
cf06952 Error 402s following NURS GENE NBLEND
cf06953 DIVAPP 402s, PAVE meshing crash
cf06954 WRAP internal cause a crash
cf06955 Run quad meshing crashes CADfix
cf06957 FROG GENE FACET crash on model containing zones
cf06958 BUILD CS creates SCMB with name *1
cf06959 Prepare for STL crashes CADfix at DBUG C
cf06960 WRAP creates folded facets on this model
cf06961 PROC SNAM * causes error 402s

cf06962 folded facets in wrap
cf06963 Build Holes has array bounds violation
cf06964 Purify unhappy with FROG GENE FACET
cf06965 STL tool fails to facet zone and report a problem
cf06966 CADfix crash during MESH
cf06981 Removal of capped hole leaves unclosed loop
cf06982 Zone building of assembly creates new faces
cf06983 Crash caused by recent UNDO changes?
cf06985 Failure to import iges file. Regression
cf06986 Import regression. Missing edge
cf06988 CFI test program - segmentation fault
cf06989 CFI test program on Linux crashes
cf06990 Wizard regression test crash on Solaris
cf06991 CADfix Database corruption
cf06999 Shelling tool creates combined lines causing OFFSET to fail.
cf07001 Error 402: BUILD HOLES
cf07002 Fragmented NURBS fix makes badly folded NURBS
cf07003 Fragmented NURBS fix creates new NURBS but doesn't join
cf07005 Join Sliver Faces to Neighbours - Error
cf07007 INV B NONM fooled by ZONEs
cf07010 TCL error in tkregr
cf07032 lines deleted when join edges fails
cf07036 some fgutils code expects 4 char names
cf07037 CFI calls return strings padded out with garbage
cf07038 NAMETABLEGETNAME error from LTYP command
cf07039 Prep dekind splits face narrow region leading to bad SSIM
cf07040 Error 402: BLDSCMB_SLIVER_COSTEDGE
cf07042 Different UG Import results with Generic and ACIS based
cf07043 Join Sliver to Neighbour Crash
cf07044 Still not able to export to ACIS
cf07045 sliver face cannot be found
cf07046 Sharp Corner Angle introduces other problems
cf07047 Smart selection not working
cf07048 BUILD HOLES failing too frequently
cf07050 Units conversion from MM to microns is wrong
cf07052 Wireframe model loses edges compared to CF71SP3
cf07054 CATIA V4 cdsk does not import layers on lines
cf07057 Prep for Parasolid destroys model
cf07060 Wizard transform stage is not being unchecked
cf07061 Join Sliver Face to Neighbour - Filter tool
cf07062 FROG creations doesn't obey ECHO flag.
cf07065 Diagnostic Scan - Custom Scan issues
cf07066 Crash at BUILD CS SLIVER
cf07068 Database corruptions from BACK command
cf07069 CATIA V4 CSDK import brings in different colours
cf07070 SUPP hangs CADfix
cf07082 Manual cap tracing: loop lost when clicking non-line
cf07083 Manual trace hole caps leaves hole in model
cf07084 Wizard Repair does not do as good a job in CF8 as CF71
cf07091 Join slivers test cannot find this sliver
cf07092 Name table problem after importing 710 database.
cf07093 SUPP fails on 1 of 5 identical looking protrusions.
cf07095 PLUS FPRM barfs on non-FROG shape
cf07097 Join sliver faces not working
cf07098 Partial GUI lockup switching between split tools.
cf07100 Crash running debug version of CADfix
cf07101 Failed to import standard test ProE model
cf07102 Windows import does not ask for UNITS to be specified
cf07108 Segmentation error import CATIA V5 using CDSK on SUN
cf07109 Error 402 when making zones via the GUI
cf07112 Cannot facet a 180 zone need warnings
cf07114 Wizard refuses to load cwc on Linux
cf07115 CATIA V5 import using CDSK fails on simple test model
cf07117 Capping and removing holes not working
cf07121 'PLUS LOOK BI O' on SUN hangs CADfix
cf07122 Mesh manager not locked whilst meshing
cf07123 Collapsing sliver makes model undetectably sloppy
cf07124 Database corruption
cf07125 Why no Find/Fix for faces with multiple loops
cf07126 mesh manager should check for unembedded zones
cf07127 Delaunay Meshing Failure-Inconsistency when meshing boundary
cf07129 Debug ABR crash in SUPP
cf07130 Crash during fragmented NURBS fix

cf07132 database corruption after fix for fragmented NURBS
cf07133 PDQ LO IS crashes CADfix
cf07135 Manual cap of hole and Fix hangs CADfix
cf07136 (Multi)-Selection going stale causing serious problems
cf07138 Fragmented NURBS fix creates multi-region face
cf07139 SPOT FPRM crashes CADfix
cf07140 Selection problem: display not cleaned up after Fix.
cf07141 Spin centre picks clears smart selection contents
cf07142 WRAP creates invisible facets
cf07143 Errors in sliver face joining
cf07145 Protrusion remove and capping not working
cf07146 Grow colours conflict
cf07147 Export to Parasolid fails to open export file
cf07151 New Parasolid Linux libraries don't work on our Ubuntu
cf07156 Embarrassing Primitive Problems
cf07157 PLOC FIXEDGE is CAUSING display failures
cf07161 GUI fam:nostart tcl traceback loading a .CATPart on Linux
cf07162 Quick Fix Options Dialog needs more information
cf07164 Crash while trying to cap hole
cf07169 Split face by sketching locks toolbox permanently
cf07170 Fail Set Selection Lost when Simplifying NURBS Surfaces
cf07172 FAMERR from PNT command
cf07174 Scrambled UG import
cf07175 Body splitter select "All" not working.
cf07184 Shrink-wrapping single surface crash
cf07187 Suspected GUI UNDO problem
cf07188 Database issue after creating zones
cf07189 Error 402 from ORIENT
cf07192 GUI error from import or opening a d/b on HP
cf07195 Wrap of single face not quite right
cf07196 New ZONE in zone manager needs work
cf07198 New resolveShortEdges preference option needs to be in cwc
cf07199 State of selection check buttons in bad state after zoning
cf07201 Join faces in Zones SELE shell icon is not going away
cf07205 Annoying shading problem
cf07206 Check for intersecting bodies gives confusing message
cf07215 Refit pick corners says its failed but messages suggest ok
cf07216 Error 402 on SSPL
cf07220 Assert: measure then quickly select 2 pts and close
cf07221 Where is the Join window when using the Wizard
cf07223 Batch processing fails
cf07228 Crash in fragmented curve test
cf07230 Hole removal fails and damages model
cf07231 Filter by layer not quite right
cf07236 Fix to fragmented surfaces breaks model
cf07249 Basic selection when used with shell model flips shading
cf07269 Build holes fails to create valid holes
cf07284 GUI is preventing parallelisation on Solaris
cf07288 LCAS title padded out with guff
cf07291 Crash during FRGFIX DECIMAT
cf07293 GUI error from assembly tree Rename function
cf07296 "hole mode clear" not getting sent