

CADfix 8.1 Data Exchange Fix Change Notes

Change Notes for CADfix 8.1 as a brief summary of each fix arranged under their respective Problem report number(s):

4192	Attributes not working for Pro/E
4264	CATIA Part name exported from CADfix illegal
4390	CATIA V4 import creating wiggly lines
4463	Strange errors on CATIA V5 export of shell model
4545	More CATIA v4 wiggly lines on import
4557	Hold onto Set Identifiers from CATIA .model file
4632	DXFI import fails with "unexpected end of file" from ACIS
4699	Fails to read Unigraphics NX3 assembly
4728	Pro/E assembly parts exported to STEP lose coordinate system
4773	Import of SAT file fails
4883	ACIS part hangs on import
4944	CADfix is missing an assembly component
4988	Cannot import Solidworks model
5088	CATIA dll missing stops import
5107	Model cannot be exported to CATIA v5 in Japanese folder
5126	Export to DXF fails but ACIS is OK
5175	Error 402 from bad NURBS during ORIENT
5185	SolidWorks import not working
5250	Importing a VDAFS file exported from CADfix 7.0 fails
5262	Errors in STEP import
5284	Parasolid product names are not passed to STEP file
5303	AGPS integration - WCD fails immediately after RCD
5414	AGPS integration problem
5540	AGPS on HP problem with strange labels
5541	CADex test ACIS import on Linux fails
5892	Export to Pro/E fails if you change export folder
5952	Imprinting tool
5972	All dimensions are being factored by 39.33
6123	Inventor import fails
6150	UG file imports with wrong scale and translations
6234	Zone manager GUI bug
6543	DWG file cannot be imported
6572	Coordinate axes are displayed too close to the border
6622	Solidworks model crashes on import
6690	FLITE3D Export – Auto Scale to Metres on Export
6692	Auto Creation of CFD Domain
6764	Adaptive Flite3D splines are undersize for face
6769	Hole removal misses valid hole
6799	Macro Manager Broken on Unix
6802	OFFSET flaw revealed with new meshing
6809	Spline Parameterisation for FLITE3D
6817	CS plot code restricts dynamic selection
6898	import corner fillets the wrong way round
6906	Join bodies fails to find correct topology
6956	Join bodies fails to build correct topology
6987	CFI doesn't have function for computing face area
7078	Split by shell: suppressed edges not cleared after
7085	Cannot import Inventor assembly
7099	Can't interrupt "split surface by shelling"
7111	Join faces FIND gets closed groups of faces that wont JOIN
7115	CATIA V5 import using CDSK fails on simple test model
7159	Refit fix for folded shapes doesn't see selected shape
7176	Several successive body splits has lost bits of the body
7179	Build faces allows dynamic loop picking
7182	Manual cap builder needs to allow for inner loops
7185	Filter by colour not picking matching colour
7222	Multi selection in assembly hierarchy is not possible
7236	Fix to fragmented surfaces breaks model
7269	build holes fails to create valid bodies
7284	GUI is preventing parallelisation on Solaris
7286	Hole removal leaves non-finite area faces
7288	LCAS title padded out with guff again
7289	BUILD HOLES finds one hole but not a similar one
7290	Repair and prepare for GR cause runtime check failure
7291	Crash during frog fix DECIMATE
7293	GUI error from assembly tree Rename function
7294	GUI refuses to generate manual caps for some holes
7296	"hole mode clear" not getting sent

7297 CADfix Join faces on Linux takes focus of xterm window
7300 Wrap tests have spring a number of memory leaks
7301 Zone manager GUI error after EMBED
7302 Speed improvement for face joining
7307 Repair Wizard - Items remain in Diagnostic Scan area
7308 CADfix Fatal Crash - seta aw assigned label any all
7310 Join bodies display after fix not cleared by repaint
7313 trimming of large surfs fooled by full cone
7314 Window Dropping Behind GUI
7317 Basic selection >> Advanced >> make set not working
7325 Axes labels not visible when pointing off screen
7327 Zone Manager merge gives GUI error
7328 Import of Pro/E fails with Japanese characters in path
7329 Mesh Manager wipes PAVE style
7330 Mesh Manager hangs
7333 PAVE meshing in CAE product needs element size control
7337 Strange facet pattern when quality meshing cube for STL
7340 Crash in CAE Face Mesher
7343 Result Manager tab selection is not stored
7344 PAVE meshing cannot support Zone embedding
7345 CAE command line defaults no longer work
7346 Parasolid export failure not found. Not properly prepared?
7350 Print manager does not work on Linux
7351 PAVE mesh style upsets SUBDIV and mesh gives error 402
7352 Issues with CATIA V5 Import
7353 HOLE CAP followed by SELE close loses capping
7354 Hole capping fails at the first attempt
7355 UNDO cluttered with odd commands & leaves COMB lines
7357 Inventor assembly fails to import in CADfix 8.0
7358 GUI error from probe tool
7359 Abort poly pick locks CADfix
7361 Tolerance ball issues
7364 Wasted space on the toolbar left of the Probe tool
7365 SAVE PICT TOFILE produces invisible tiffs and ugly gifs
7366 Move the "Do you want to save current database" popup
7370 Merge STL on import doesn't work
7375 Model tree faces keep being expanded
7377 PAVE meshing upset by ZONE
7380 Split face along ISO-line no where near picked point
7381 PLOT BI xxx K doesn't work - it comes out white not black
7382 GUI Error changing export option to Absolute
7384 Large assembly interaction VERY slow
7385 Refit fails with NO feedback
7387 Prep for Pro/E WF4 converts line to straight
7392 Configuration file affects Smart selection
7396 Dynamic rotation stops working
7400 Status bar shows lines in SELE set that are not there
7402 GUI error
7407 DEL SE ALL causes name table error
7408 spin centre pick gets cancelled
7411 automatic zone finder generates trash names
7413 making zones creates overlapping zones
7415 Parasolid import hangs/infinite loop
7418 Repair (NURFIX OPEN) inverts spherical end
7422 (to)catia5 regression tests not deterministic
7426 Crash picking rotation centre on VGL(X)
7436 CSDK import results in rubbish NURBS - small example
7437 PDE/Lib fails to map offset surf
7438 Generic UG & Parasolid imports failing to import this face
7441 New display buttons don't work on primitives!
7442 Generic Unigraphics import rejects NURBS
7443 GUI error from batch processing
7447 Wizard modify parameters and rescan update problem
7449 Stupid GUI window behaviour for "Modify Tool"
7450 Sloppiness scan/fix partially works but removes tree widget
7455 CADEX broken everywhere but Solaris and Windows
7456 Arc lines changed in CADEX export
7462 Crash in local set library
7464 WRAP command crashes EVERY TIME
7466 GUI error in face split ISO line tool
7467 Can't set the parameter value in split face by ISO line tool
7477 SC03 scan problems
7480 Imprinting issue
7486 Crash in SETA on big model

7489 Loop picking display not compatible with assemblies
 7491 faceting large model causes memory errors and crash
 7492 PDQ FA VFS does not find these conical NURBS
 7497 VGL driver errors under set manager polygon pick
 7501 Creation of CFD Domain
 7502 training example folded.stp now leaves undersize surfaces
 7504 Scan for overlapping edges shouldn't match between bodies
 7505 Surface refit should list name of replacement surface
 7510 Repair request to keep unused points not working
 7512 Imprint failing with seamless faces
 7514 Status flag on FROGs not set
 7516 Hole removal breaks body
 7522 Most wizard tests failing utterly
 7523 split face with edge GUI tool not working
 7527 CADfix 8.0 not setting units when exporting to V4
 7529 Problem with ELNO results
 7530 Default view orientation should be XY for CAE
 7534 Mesh Manager is unreliable and fickle
 7537 Collapse faces not working on 2-sided face
 7543 Results contouring and animation broken
 7544 Argument mismatch in FAMfromIGES
 7551 Set Manager should store option settings
 7552 Invalid body check has regressed
 7554 PLOT SI crashes CADfix
 7561 PLOT BI ASGD no longer respects colour assignment
 7563 Manual capping not helpful on complex model
 7566 Folded surface re-scan not working on SELE set
 7567 Diagnostics not making the correct checks
 7568 Diagnostic fix not tidying up free parts
 7573 Dynamic selection colour not being set correctly
 7574 Data buffer hidden set errors
 7575 Split Intersecting Faces Cone-Cylinder no longer works
 7576 BUILD CS ANGL test is stopping the user from joining faces
 7579 Pro/E refuses to import assembly
 7581 Unassembled display drawing as assembled
 7583 SELE set is being used in assembly tree structure
 7588 Join Faces In Zones produces high connectivity edges
 7592 GUI error on training example sliver.igs face refit
 7593 Diagnostic Scan Results Change?
 7598 GUI error from display of work set
 7603 Creating zones can delete body
 7604 Change zone tool doesn't repaint display
 7605 SETA fails to add shapes to the set the first time issued
 7607 SP1 first release cannot import its own CATIA R19 export file
 7608 CATIA V5 export does not respect units
 7612 Fails to import large Pro/E file
 7613 Prepare for Pro/E incongruous with GUI options
 7621 Using a name in the CARO command gives error 402 and hangs
 7626 Set Manager ADD or REMOVE windows freeze
 7627 READ CARO ! does not give a name but leaves a blank
 7631 Result manager plotting wrong results
 7639 Imprint of faces has changed in CADfix 8.0 (SP1)
 7648 GUI widget title wrong and GUI error from domain tool
 7650 Allow bounding box plots for shapes.
 7653 STL hole filling fix leaves temp sub-frog, doesn't undo
 7654 Model Shading Kills CADfix
 7657 Problem converting STEP to DEM
 7658 Fix folded frog facets crashes CADfix
 7660 Surface sketching accuracy problem
 7661 Create Edge by intersection & Collapse Points Problem
 7667 Noise in symbols being written to .fbd files.
 7669 Split Parasolid seamless face on import loses tags
 7670 Problem with the clean-up after face splitting
 7671 SSPL breaks adjacent faces when short lines used
 7675 Sharp angle fix issues
 7679 FLITE (and ICMS) Export Messages
 7680 FLITE (and ICMS) Export Scale Factor to CWC File and Correct Factor
 7686 Auto Domain Creation Topology and Tolerances for FLITE3D
 7688 Face Editing Display
 7689 Unit Conversion and Consistency
 7691 Reading of TRIMMED solids from Geoduck goes awry
 7692 Tidy up organisation of Geoduck import/export code
 7694 Add tet-generation option to shrink wrapper
 7695 FROG / FRGFIX improvements for DECS

7696 Rescan of 'Large edge surface gap' not working
 7697 Add shrink-wrap functions to CFI
 7699 FLITE source octree should not be saved
 7700 Probe fails when FLITE3D mesh density field is ON
 7701 Pro/E and CATIA V5 import fails on Win 7 under Japanese folder
 7703 'Face is self intersecting' fix for Parasolid
 7705 Geoduck export: should create spline points, not Geoduck Point entities
 7710 Internal Shrink-wrap Crashes CADfix
 7717 Facet painting errors and crash
 7718 SC03 Face-Plane problem
 7719 Create/edit bodies highlighting blinds user
 7725 Problem with SC03 import
 7727 mouse rt-click Box zoom does not work when re-embed used
 7728 GUI switches to dynamic spin mode after capping hole
 7730 Merge arc centre points
 7733 Fix Trimmed import/export for faces
 7734 Dynamic rotation locks on during normal use
 7742 Application tab: accidental edit of label caused GUI error
 7743 Integrate C1 FROGS
 7744 Deiconify CADfix session not mapping last window in group
 7746 FROG GENE INV HOLE is slow
 7747 SUBFROG commands don't update the modflags or go in the open set.
 7748 FRGFIX ORIENT
 7750 FROG GENE MESH does not orient facets consistently
 7751 Shrink-wrap fails on engine
 7754 Shrink-wrap of engine at 20mm crashes CADfix
 7757 FRGFIX COLLAPSE
 7762 Clicking empty part of App Tab causes GUI error
 7763 Fixing holes in FROGs loses selection
 7765 Hole fixer should stitch too
 7766 Find for holes in FROGs should say how many
 7767 Need an interactive collapse for facets
 7768 FROG painting highlight hidden by selection
 7770 Hitting "wipe" clears orange facet highlight too
 7771 Hitting basic selection button with app tab open gets a different selection mechanism
 7773 Deleting facets in bolt hole causes CADfix to crash
 7779 Hole filling to use least squares plane normal's rather than interpolate from boundary
 7780 Decimator very slow on engine model.
 7781 PDE/lib can't read gdx files with Ctrl-Z chars in strings on windows
 7783 Model Tree data face filter does not contain all faces in model
 7787 File .flb copied with read-only privilege
 7792 Geoduck trimmed solids aren't coming out connected
 7794 Import of solid TRIMMED entities into Geoduck failing
 7801 Line splitting creating NURBS line with degenerate parameter range
 7803 FROG SUBFROG EXTRACT can crash CADfix depending on what is painted
 7804 CADfix batch not sending colours or layers to STEP
 7809 Cannot import Pro/E assembly
 7811 Weld Bodies Crashes CADfix
 7822 Bad ruled shapes generated by weld
 7825 Weld often fails due to SSPL shortcoming
 7831 FRGFIX COLLAPSE must preserve vertex numbers (to allow GUI to issue multiple collapses)
 7836 Line left on screen after polygon pick
 7840 Create Weld makes bad surfaces
 7841 deleted XASG strings never packed out of database, bloating fbm
 7843 Create Weld fails between two simple holed disc faces
 7844 Create Weld is making miniscule short edges
 7845 PLOT G ALL displays shapes as well as geometry.
 7849 New welded body not properly oriented
 7850 Add facility to add individual facets to a frog
 7851 FROG painting odd behaviour when selecting > 1/2 a FROG
 7853 CADDs Export Failing on Solaris
 7858 New help string too long
 7859 Duplicate Bodies Scan Causes High Connectivity
 7863 Respect zones option works for STL preview but is ignored for actual export
 7865 Parasolid import giving bad NURBS
 7867 Prepare GUI doesn't support all .cwc options
 7869 Failure to import all solids from this multi-solid ASCII STL file
 7871 FLITE3D export should create .zon file as well as .grp file
 7872 Help string too long
 7873 FGEN PROX2D complains about blend shapes but none in model
 7874 Can't apply FLITE CTOL local to face by hitting return in entry field
 7875 Split FRGFIX TOPO options into individual commands
 7876 Add SETA INV ... MAKE branch
 7877 Errors writing FLITE3D .dat file

7878 FLITE .grp file format may be wrong
7880 Browser 'All Formats' file type is broken
7881 MSTY SWEPT failure and unhelpful error messages
7885 SWEPT mesh creating elements on top face
7886 SWEPT mesh gives Error 402
7887 Zone top and bottom surfaces cannot be SWEPT meshed
7888 At 8.0/SP1 Body imprinting highlighting existing paired faces
7889 WELD syntax diagram incorrect
7891 DWG file not importing all the bodies and wrong positions too
7893 Feature Removal Tidy Up
7895 Line end orientation confusion
7896 Split Face By Sketching - Points on face
7897 FLITE3D export adaptive filter fails on degenerate NURBS
7909 Offset auto-thinning needs special case for halfway thinning.
7910 Offset 2D sheller should output better curves than 1D nurbs.
7912 Sloppiness diagnostics misleading, unreliable, unhelpful and inconsistent
7913 Wizard repair MERG command deletes model body
7916 Quick fix Join faces not working
7917 Crash during Wizard repair on this IGES file
7918 Remove glimpse search links from intranet to avoid confusion
7921 VGL driver needs to allow picking of FROG vertices (and facets)
7924 Dynamic selection of shapes broken by recent mods
7926 Facets edit tool needs to allow interactive adding of new facets to existing FROG
7929 Prepare turning a hyper-multiple NURBS into an incomplete NURBS that then fails to export
7930 Loop finder is selecting wrong edges
7932 WELD command making degenerate lines
7933 Explode assembly on import
7934 'Refit only' for degenerate NURBS and face-planes
7935 Inconsistent progress bar
7937 Heavy Line Healing Distorts Line from intended shape
7939 Delete Features damaging model
7940 Selection issues
7941 Toroid face split issue
7943 Edit point source not updating
7949 Welding GUI needs updating for new tolerances
7950 New probe tool doesn't display attributes
7955 Add GUI to control definition of the 3D "Text note" available in some export
7956 Drill tip removal on multi-body model goes wrong
7957 Recent probe enhancements seem to have lost the ability to display XASGs
7960 Drill Tip Removal not finding drill tips
7963 Grossly undersize surface created from join faces
7965 File browsing on Windows 7
7968 CADfix crashes when opening unlicensed file
7969 Weld Bodies doesn't work
7970 FLITE3D Surface Parameterisation looks strange
7972 General Linux GUI glitches
7978 Problem with sources/zones define dialogs on Linux
7980 Triangle source line definitions remain after deleting sources
7983 CADfix crashes in SEND PDE on a non-ASCII filename
7984 Different syntax setup causes differences
7990 PAVE meshing unable to mesh simple rectangle
7991 CFI_EXIT causing odd fatal 116 error when checking back licences
7995 Right Mouse Click -> Properties Missing
7998 Target Parasolid version keeps reverting to 15
7999 SC03 diagnostic scan changes
8000 Scan for "Can Model be Tessellated"
8001 More control over fixes for Degenerate surfaces and Face planes
8005 STL import Crashing
8006 Total Facet Count (Pre & Post Decimation)
8007 Dropping GTOL to resolve degenerate edges makes prep do extra work
8010 Geometry disappears from assembly during manual fixing
8011 CFI routine cannot handle large CFD model well
8012 Quickfix toolbar doesn't remember setting changes
8015 Auto dropping of GTOL not working
8016 Cadex crashes during import on Linux 64bit
8018 Two SolidWorks models fail to import with InterOp R21SP1
8023 Manual Hole Capping/Build Bodies From Holes
8028 SC03 export test fails to tessellate.
8030 READ PDE not importing all attributes
8035 Xon file output needs to escape XML entity characters
8039 Phase out old standalone probe tool?
8042 Importing our own STL file causes CADfix to crash
8043 Assembly explode takes label onto solid body
8046 Database errors in PDQ FA HA

8047 PDQ fix for FA HA introduces combined lines which cause MO to fail
8048 probe of selected entity from model tree not showing dependants and extra stuff
8049 Crash during PDQ FA HA
8057 Curious results from PDQ FA RN
8061 Introduce GUI option for finding/fixing high aspect ratio faces
8062 LININI error during PDQ FIX FA HA
8064 Split lines not being cleaned up after face failure
8072 Too many splits in face (V33)
8073 Export filename convention doesn't cope well with 'stops'
8076 ACIS from r21sp1 crashing on Linux
8086 Quick-fix flip all faces relative not working on this planar model
8095 Misaligned derived type members in shrinkwrap
8096 Mesh Manager not respecting FLITE3D source rule on faces
8097 Lost ability to create a source by picking points on a face
8100 Manual Hole Capping - GUI Lockout
8101 Unfacet of sloppy degree 1 NURBS causes problems
8103 Light heal destroys geometry in CF8 SP1 but not CF71 SP3
8104 Style-button in the Graph visualisation mode
8105 In Graph mode, options from the Results tab carry over
8106 Graph X-axis Result calc Component wrong
8107 GUI error from Results Manager Graph Define
8119 For animations style changes are ignored
8120 Hybrid cavity depth set to "Wire" results in a warning
8121 Cavity depth of a line set 'Wire' is being reset to 'None'
8122 Material Manager symbols for parameters appear "disabled"
8123 Mesh Manager Display tab won't allow set contents selection
8128 Model tree view buttons should initiate selection
8129 Error from 'Graph results along chain of model lines'
8137 FLITE3D export scaling unnecessarily
8138 Inheritance of attributes from joined faces not consistent
8142 Selected parts remain highlighted after certain fixes
8143 Parts selected from model tree can't be joined via quickfix
8144 Fix action is introducing loads of unused points
8146 Regression in display of CADfix SP2
8147 Quickfix face join method out of sync
8148 Valid model test scan criteria picking up manual test changes
8152 Corrupt database created from face suppression
8153 BATCH Processing Broken in SP2
8157 Define embedding surface dialog is empty
8158 Farfield plot response problems
8167 Preference setting for Preferred units has gone from CADfix 8.0 SP2
8174 Results Manager address limited to 10 levels causes GUI problems
8178 Far Field Graph X axis range gets "stuck"
8179 The Macro Manager has no default filter for file names
8180 The Result Manager often expands all results in the tree view
8182 Hybrid tab is sometimes empty
8191 Add to the MOVE/COPY a repeat option
8193 More control over the generation of points along a line
8194 TCL Error in Solaris CADEX regression tests
8196 Should always revert to the previous toolbox used in CAE mode
8199 Wizard tests failed with TCL heartbeat error.
8223 RUNCADF cannot import Pro/E files when using working directory
8224 No warning about non import of parentless faces
8235 Overlapping Bodies - Needs to display where the overlap is!
8244 Body face colour menu doesn't offer many options
8254 A very narrow ring should also be classified as high aspect ratio
8255 Lattice and parts of Mesh Manager GUI not complete on Linux
8257 Database analyser complains after save/reload of MO2 (mo2ts repo)
8258 Add support for STEP faceted solids
8264 Reassess model tolerances not working
8269 CAE Display type options for meshing has disappeared in CADfix 8.0
8296 Linux result manager tree sliders don't work
8297 Result manager Graph x-axis button always depressed
8300 Graphics selection problem for faceted vertex picking
8307 Tidy up selection state anomalies
8308 FRAM doesn't work on PC2 plots
8316 Sharp Angle Fixer Needs Rewriting.
8323 Tabulating combined lines leads to GUI error
8326 File Management - History Button
8328 Additional assembly tree viewing modes
8331 Long pathname causes fatal error for CADfix 8.0 SP2 opening file
8334 CADfix 8.0 SP2 has broken the MERGE database commands
8337 Display Quality shouldn't change on Undo
8339 GUI error after installing Efield SP2

8342 Anisotropy in the BAC file is not correctly interpreted
8343 Triangle source construction geometry is not hidden
8351 "Save as" fbn changes working directory in GUI but not in FAM, unsafe
8353 SWEPT meshing of a body not working
8355 PLUS MSTY/ELTY line/surf/body would be useful as only ALL actually works
8357 Join edges loses geometry attributes
8361 FGATGT2E returning empty string for combined line
8364 SOLIDM import gives non-manifold facets
8368 CFI needs a routine to calculate the length of a line
8375 Export failing when you move export folder
8378 T-Junction Unselecting Regions
8379 New Set Didn't appear in Work Set Drop Down
8383 New error in ME_HYBRID_COMPAT
8385 Simple meshing process now fails
8391 me_hybrid_compat Uses Deprecated Mesh Style 7
8395 flite3d,tol in .cwc file is ignored (or scaled)?
8403 poor p-curve generation
8407 Cannot create blend surfaces in simple model
8411 High Aspect Ratio Face Split can create very short edges.
8419 STL export fails on all faces in this model for no good reason
8420 Shortcuts and Spikes in OFFSET Tests (boundary_x,y)
8431 Mistake in Japanese translation
8443 CADfix copyright dates are now two years out
8447 Probe tool goes wrong trying to frame a node
8451 Application tab is not picking up existing sources in database
8455 COPY is not copying properties or attributes like colours, labels, layer
8458 Corruptions in Element Definitions' Empty Space
8459 Split face by sketching crashes in Intel FORTRAN debug execs.
8463 Suspicious PRNT DIST Diff from PINSUR Patch
8476 Face joining damages unrelated line
8496 Initial REP in CAE has Wrong Settings.
8499 Multi-Delete Tool Shows Number of Entities Found
8500 GUI is Moving the Main CADFix Window when De-iconifying.
8505 PROC FLITE3D has a missing colon
8511 Delete Everything But... added as option
8515 PDQ FIX FA RN does not add parts to FIXSET
8517 Problem with folder privileges on Windows 7
8519 NFA Face Claims to be Fixed but Isn't.
8537 Primitives Not Going into Active working Set
8539 CADD5 not working on Windows 7
8540 Initialised Data Saved to Database in offset 2d test
8543 Scan for non-closed shells
8545 Refit Creates Undersize Surface
8568 New plot codes ELTL and MSTL just report incorrect object
8569 Pyramid meshing not working on this model
8570 Error in tet mesher locks database and caused fail set to be empty
8576 Error 402 from meshing with Pyramids
8577 GUI Error when I run all the Integrity tests
8578 Tet elements being seriously distorted during Pyramid mesh
8591 Turn off IGES import default revert
8597 Crushed frog Decimator problem
8604 Repair failure
8614 famfromstl crashes importing STL file as FROGS
8616 Dependency Building Error in cadfixdbox (cadfixdev)
8619 GUI not locked after viewing diagnostics via 'Wizard -> Open previous log files'
8626 'Disabled' fix methods are still accessible
8628 DXF export support for FROGS
8629 Test for FA RN blows away part of model
8636 Concatenate misspelled in FROG join dialog
8640 Crash during FROG GENE INV
8641 FROG GENE INV fooled by more than one frog in input set
8642 GATSHP: Vertex index out of range
8643 Interrupt button doesn't work when making a WRAP
8645 SEND ALL FB (i.e. FBD) loses correct mesh definition for SWEPT
8647 Pyramid meshing with SWEPT PENTS gives error 402
8648 Swept meshing not working as expected
8649 Repair log misleading
8661 Export to STL from IGES fails
8663 Fillet Finder Tolerance Issues
8664 GUI needed for SUBDIV SHELL (Airbus 2D CFD blocking tool)
8671 CATIA V5 import (CSDK) duplicates all sub-assemblies
8673 Can't import STEP file with external references
8677 STL export should have option to respect flite sources
8678 Display issue when selecting edges

8679 Faceting failures during FROG GENE FACET not put in PLOC FSET
 8680 FROG GENE FACET doesn't work with VDU driver (Wizard batch)
 8685 Body shading issue post import
 8686 FROG GENE JOIN/CONCAT not copying common XASGs to new FROG
 8696 Applications tab for Zones expands all on entry
 8700 Zone removal with Polygon is adding a zone
 8702 When creating zones the RT-click Box select must be picked twice to activate
 8703 Need to see boundaries of existing zones in order to create new ones
 8704 GUI allows faces to be picked into existing zones giving GUI error
 8705 Using CNTL-lft-click to remove face from zone with edges confusing
 8710 Upgrade mesh manager to use Pyramid elements
 8711 Use Source Sizing In Advanced Application Tab - Facet Generation
 8715 Cannot read Pyramid elements from our own dump file
 8716 Cannot export general mesh to FME or NASTRAN
 8718 SEQA/R should support sequences of SUBS
 8724 Development meshing permits incompatible elements w/out warning
 8725 MERG N of mixed mesh crashes CADfix
 8726 Extend GLC display to FROG edges
 8729 SOLIDM FROG export and FROG POP dropping 1-facet regions
 8735 Inventor Import issue
 8736 Inconsistent mesh compatibility behaviour
 8741 Shapes no Longer Imported on Windows 64
 8744 FRGFIX needs a merge-vertices-only fix
 8747 Unhelpful or obstructive GUI behaviour
 8750 meshing of zones broken in dev
 8752 Crash in PDQ FA NA
 8753 Anisotropies not written to .bac file
 8756 Badly positioned midside nodes in Hex mesh
 8764 Pyramid meshing fails if a swept mesh body is also in mesh set
 8766 PDQ FA HA affected by MO2 tweak
 8767 SOLIDM import produces non-manifold facets
 8768 Many Memory Leaks in Offset2d Tests
 8770 Mesh Test Suite Broken on Winx64
 8773 Need a command to measure the min. dist between two lines
 8777 PDA FA RN also identified wholly narrow faces
 8778 Error 402s in PDQ FA RN
 8781 SSPL fails with Error 402 when used after a series of commands
 8782 GUI error from using FRAME in a macro
 8784 GUI Interrupt Handling Problems Make Session Unusable
 8786 Saving FROG twice crashes cadfix
 8792 SOLIDM exports OK but is invisible in V5
 8795 Issues with sequences
 8796 Can't repaint pict segment referring to a seq of subs that no longer exist
 8798 SC03 check for paired faces on export messing up face attributes
 8805 Better handling of the re-centre status of a database
 8808 FRGFIX DECIMATE crashes CADfix
 8809 CADfix export to DEM fails
 8815 Add Mass Property support for FROGS
 8816 Issues with Sources
 8819 FROG GENE FACET does not respect body/face flip flag
 8826 CADfix not displaying the correct scalar result values
 8834 3D text note export is limited to about 984 characters
 8840 New save as screen snap TIFF does not work
 8845 Frog Painting Island Filling
 8848 SETA WRAP memory usage is high
 8850 SC03 Export Deleting Bodies without error or warning (Due to Match Existing Face Pairs)
 8854 Large Nastran File Load Failure
 8855 Polygon pick fails on Large 930 frog model
 8860 FROG fix for non-manifold edges not preserving facet parent data
 8867 V4 SOLIDM model not importing all SOLIDMs
 8868 Mass property output should include part label, if it has one
 8880 PCN SC03 Missing from 810
 8886 CATIA V5 import fails
 8887 GUI needs a reliable way to tell when its running under 64bit Windows OS
 8888 Frog Append Facets - Poor usability
 8889 Frog Hole Fixer Crashes CADfix
 8890 Result legend display code crashing cadfix when large SP vectors in frm
 8891 Parasolid import maybe creating "Grossly undersize surface"
 8893 PRNT DEP should work on SUBS
 8894 Frog Multiregion Mis-diagnosis?/STL Import Bug
 8895 Error importing a gdx assembly containg gdx_poly_shells (FROGS)
 8910 GUI error from Prep for SC03 with non-tangent NURBS fix off
 8911 Progress Monitor not correctly reporting face-plane problems
 8913 Non-tangent NURBS fix causes high connectivity

8918 Wrap is crashing and leaving program in a bad state
8919 Shrink Wrap Failure with Sources
8922 Prepare deletes surface from one half of symmetric pair of faces
8939 GUI error from mesh manager density Advanced
8941 Cannot import an SC03 file exported from CADfix 8.1
8943 Need test for non-C1 NURBS lines
8944 Cannot import the same CADDs _pd files on K drive that I can on my C drive
8945 GUI error when trying to export to AutoCAD DXF
8947 Need new PDQ fix for equalising control point values at degeneracy's
8948 Serious regression in MSTY. Can't remove a MSTY once assigned!!!
8950 MO2 refinement problem
8959 UG Import fails on Linux RHEL4 32-bit
8961 Extend FROG GENE FACET to work on assemblies
8962 Wizard needs to expose new "External visibility filter" function
8963 STL preview/export not applying flite source dvapp to faces
8965 QUAD mesh export not supporting sources for mesh sizing
8968 New command line option to select language
8979 Speed up Shrink Wrap Relaxation (or Quad Splitting Stage)
8982 Subdiv applies mesh and elty assignments
8988 wrap test group failing
8991 FROG GENE FACET ignoring PLOC FIXEDGE setting, causing failures
8999 Debug Monitor Option to Not Check for Errors on Close or Reset
9002 NASTRAN import via STL needs to group facets based on material ID
9006 Extend SYMV BBOX to work on a substructure, i.e. assembly tree
9009 Manually trace hole caps not deactivating pick when closed
9012 Processing an assembly is not safe
9013 STL preview and export limited to 999 nodes/line
9023 FROG GENE FACET taking far too long
9029 Weird GUI external face filter behaviour
9030 Write XASG label to binary STL header field
9032 CATIA V4 fails on Linux RHEL5 64bit for CADfix 8.1
9041 Cannot rescan in diagnostics when there is only 1 issue
9048 Fillet Removal produces un-expected geometry changes
9054 Selection lost when entering Move/Copy tool
9055 Selection: Add Neighbours only seems to work for Items selected with Basic Selection
9058 TURN DVAPP not working on 180 arc
9060 Join Fragmented NURBS Surfaces - Selection Loss Issues
9073 GUI Error when running Interactive Wizard with transform on this assembly
9080 CADfix cannot save file and wrongly blames lack of disk space (d/bas corruption)
9082 GUI Error in Wizard Transform Stage
9084 Corrupt Database - Error 402s when saving
9085 Failure during save wrongly blamed on lack of disk space
9088 Collapse points using mid point on line does not work
9096 Transform Wizard Options
9097 Wizard Prepare - Refit Bad NURBS