

Release Date: 22 August 2007

Availability Matrix: See "CADfix 7.1 Product Availability Matrix" document

Platform changes

- Linux Red Hat 9.0 support dropped
- Linux Red Hat Enterprise 4.0 and SuSE 10.0 supported
- Linux Red Hat Enterprise 4.0 64bit support available on request

Import/Export Enhancements

- ACIS version R16 supported on Windows and SUN
- CATIA V5 version R17 supported on Windows and SUN
- Parasolid version 17.1 supported
- Unigraphics import versions up to NX4 supported for parts and assemblies on Windows
- Pro/Engineer version Wildfire 3 supported
- SolidWorks import versions up to 2007 supported for parts and assemblies on Windows
- Inventor import versions up to 11.0 supported for parts on Windows
- Centaur and Flite3D import and export supported
- SC03 export writing of native .pm files
- Automatic creation of sets from colour and layer attributes where available
- IGES supports the import and export of labels using entity type 406

GUI Enhancements

- Menu File >> "Save as" logic has changed to comply with recognized standard
- Easier to use toolbox and tool management
- Improved sloppiness report with interactive browsing
- Mouse-wheel zooming now always active
- Improved assembly structures interactive creation and editing

Defeaturing/Simplification

- "Delete Feature"/"Delete Fillet" tools have improved robustness and handle more complex cases
- New tool for finding and merging duplicate bodies
- New "Smooth surfaces" algorithm for poorly shaped surfaces

General Enhancements

- Support for Firefox and Mozilla HTML browsers
- Use of sockets removed to prevent problems with firewalls