

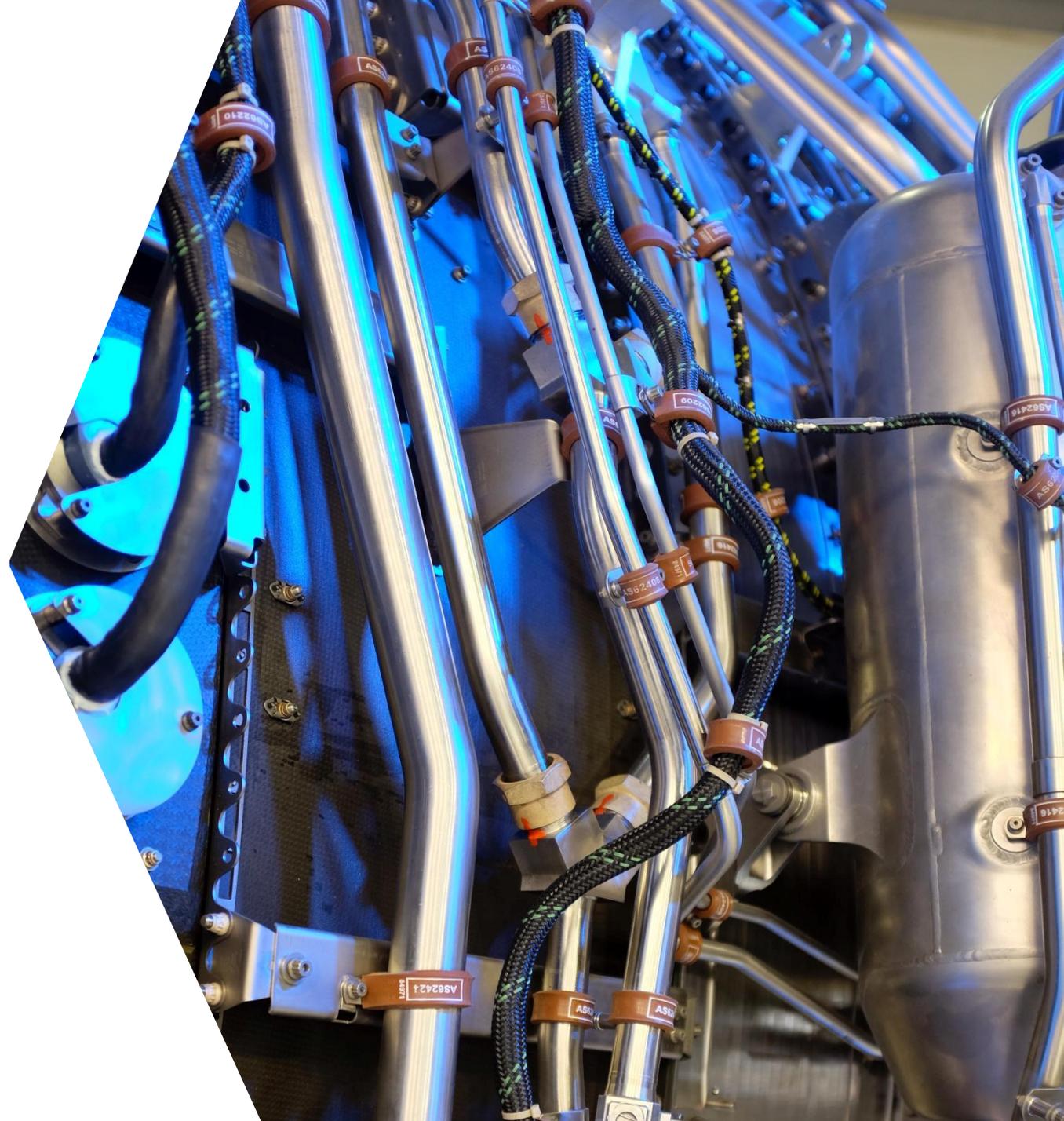
CADfix PPS 6.0

“What’s new”

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CADfix Product Manager

February 2026



- CAD system imports update to latest versions
- Manual tools
 - New BREP shrinkwrapping tool
 - New prism simplification tool
 - New facet to Body tool
 - New Move model tool
- Auto-simplify
 - New prism simplification function
 - New facet to BREP conversion
 - Better retention of small features
- Update to FlexNet license manager

Import: Updated versions

- CAD system:

- Catia V5-6 R2026
- Creo 12
- NX 2512
- Inventor 2026
- SolidEdge 2026
- SolidWorks 2026

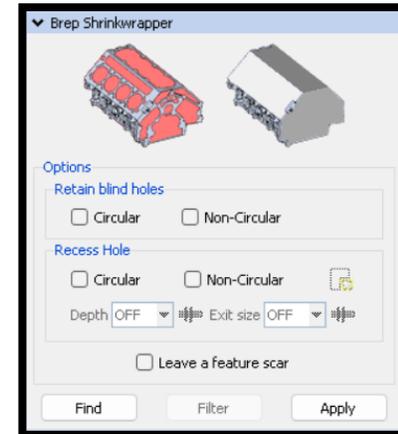
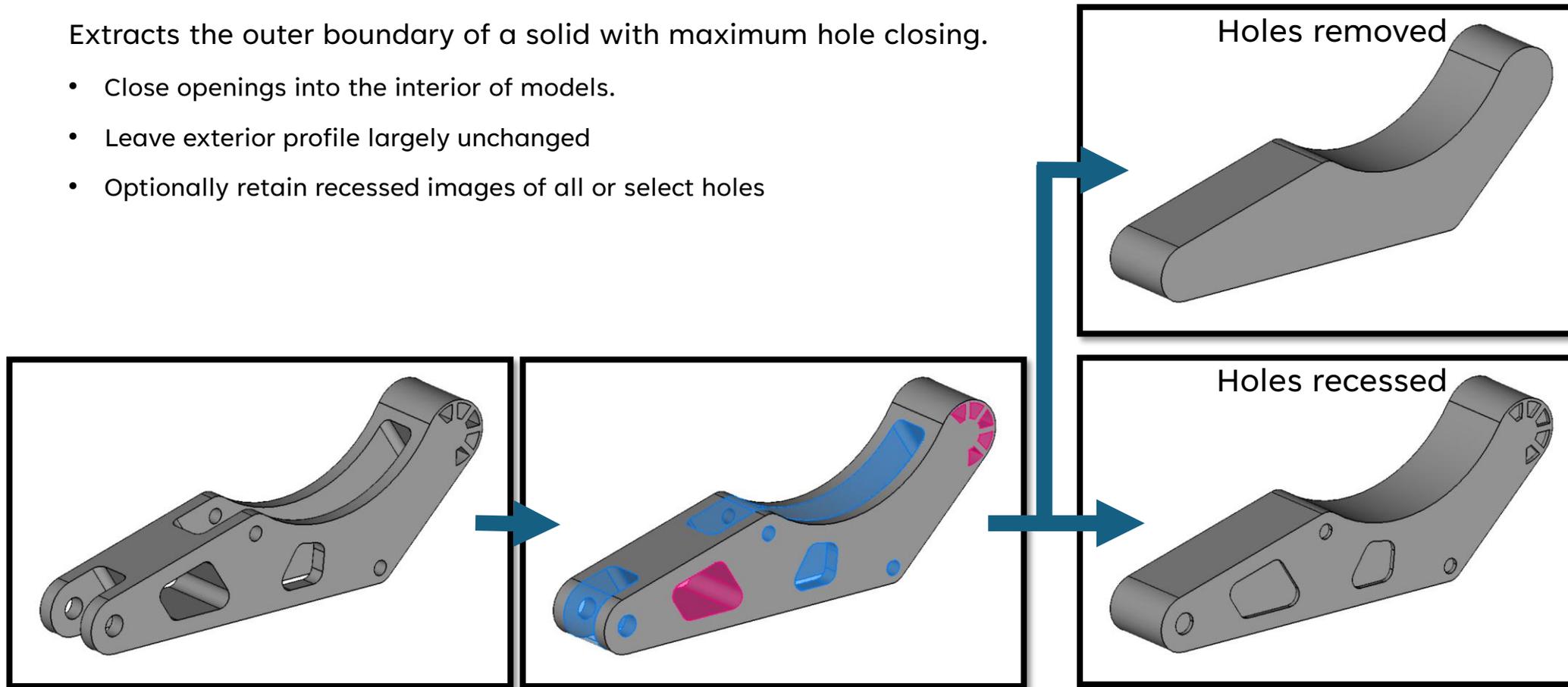
- Neutral formats

- ACIS R2024 1.0
- Parasolid 38

BREP Shrinkwrap manual tool

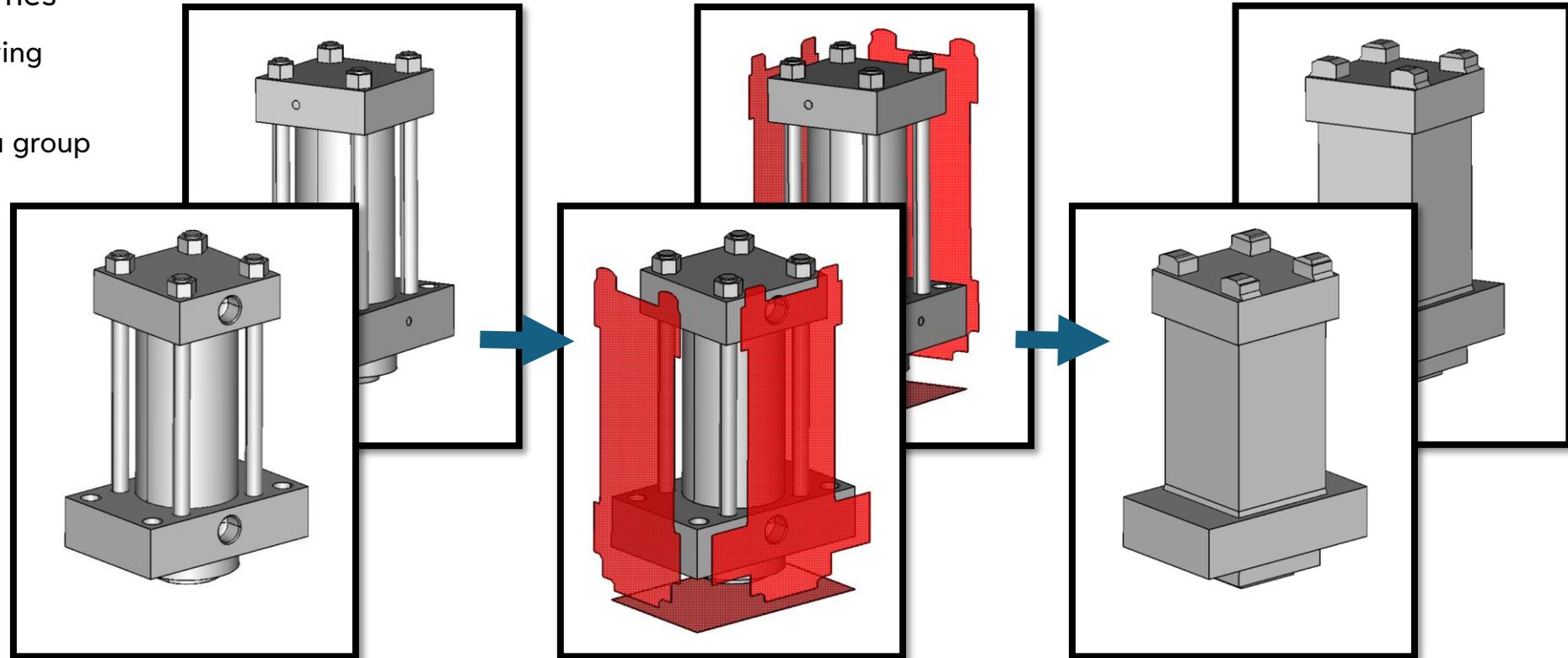
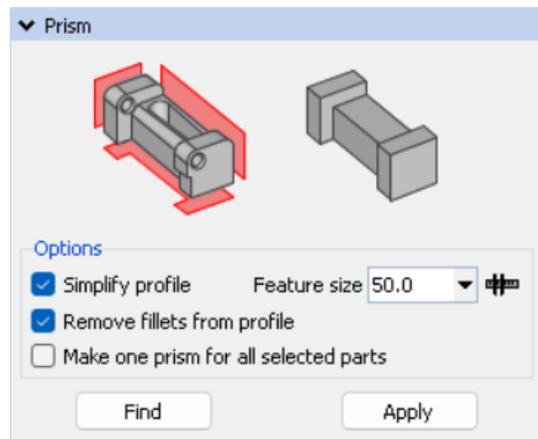
Extracts the outer boundary of a solid with maximum hole closing.

- Close openings into the interior of models.
- Leave exterior profile largely unchanged
- Optionally retain recessed images of all or select holes



Simplify solids to enclosing volumes

- Simplify outer boundary by removing fillets or based on feature size.
- Simplify solids individually or as a group

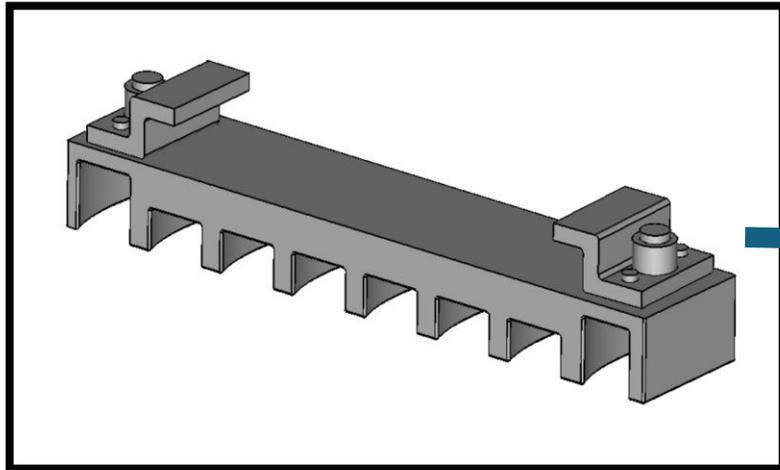


Unsimplified solid

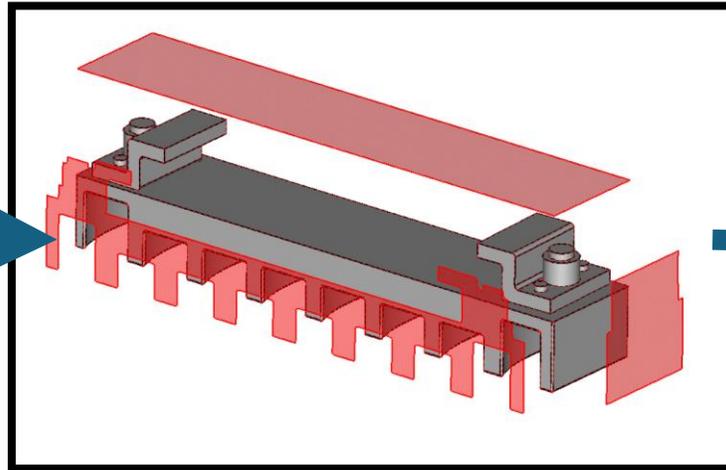
Extract multi-axis
extrusion profiles

Simplified solid

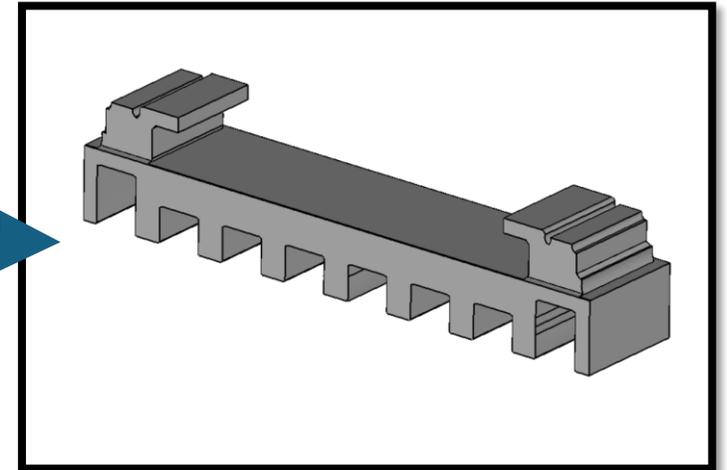
Multiple solids simplified into single prism solid



Unsimplified multi-solid group



Multi-axis profiles



Single simplified solid

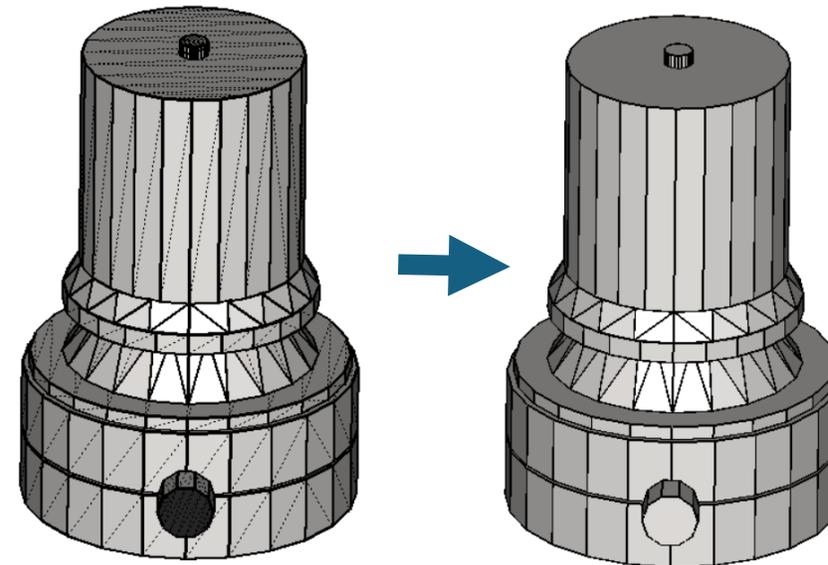
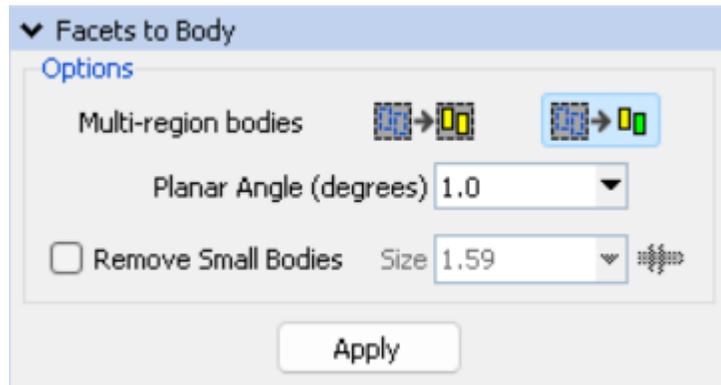
Facet to body manual tool

Some models may contain mixtures of BREP solids and faceted solids which may not be compatible with downstream systems.

The Facets to Body tool groups triangles together into patches which can be converted to traditional CAD solids.

Converted solids may be further simplified by other manual or automatic PPS tools.

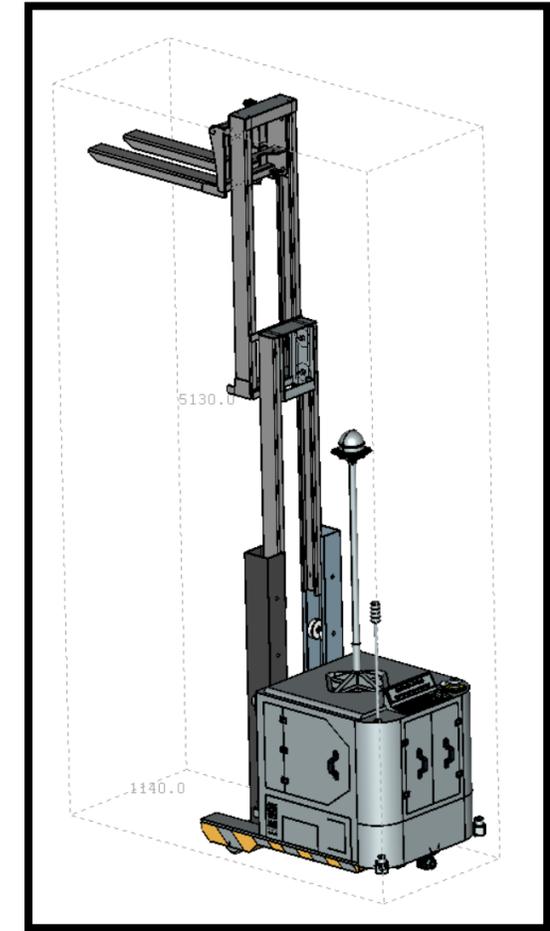
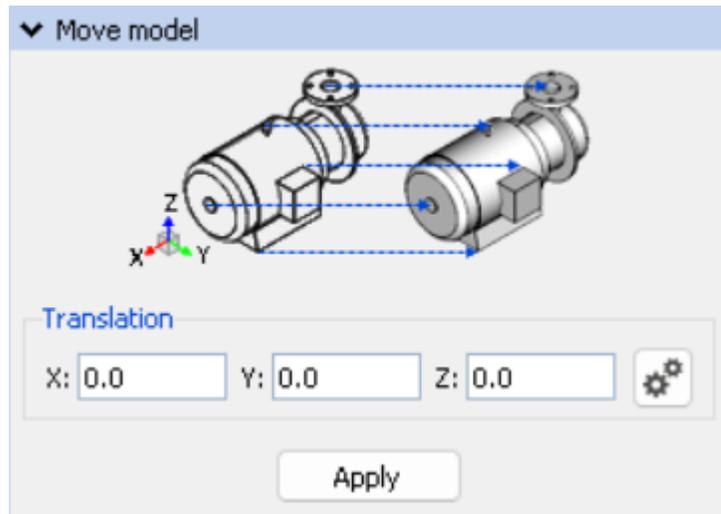
Feature is integrated with auto simplification where full primitive simplification is desired



Move model manual tool

When simplifying a model before importing into larger structural layouts, a translation and reorientation may be required to correctly position the model.

Move model: Apply known translations and to the model before export.

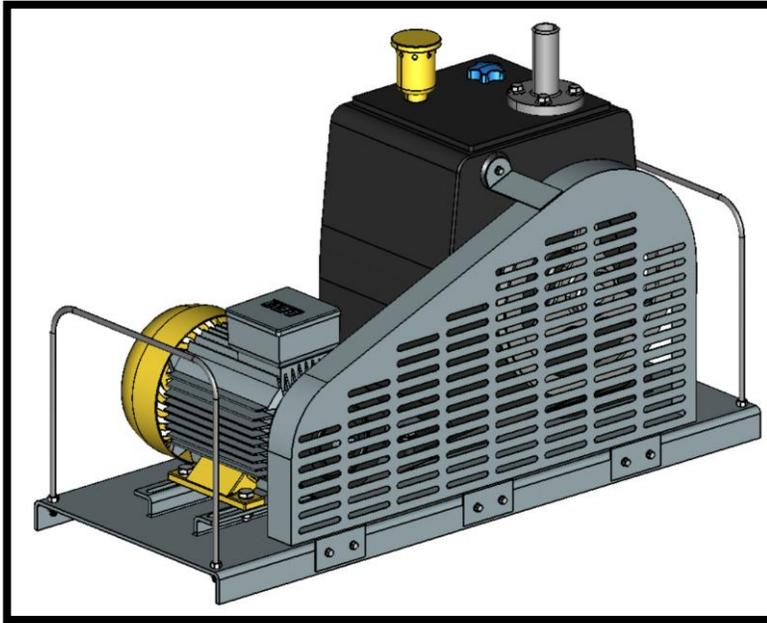


Prism Auto-simplify integration

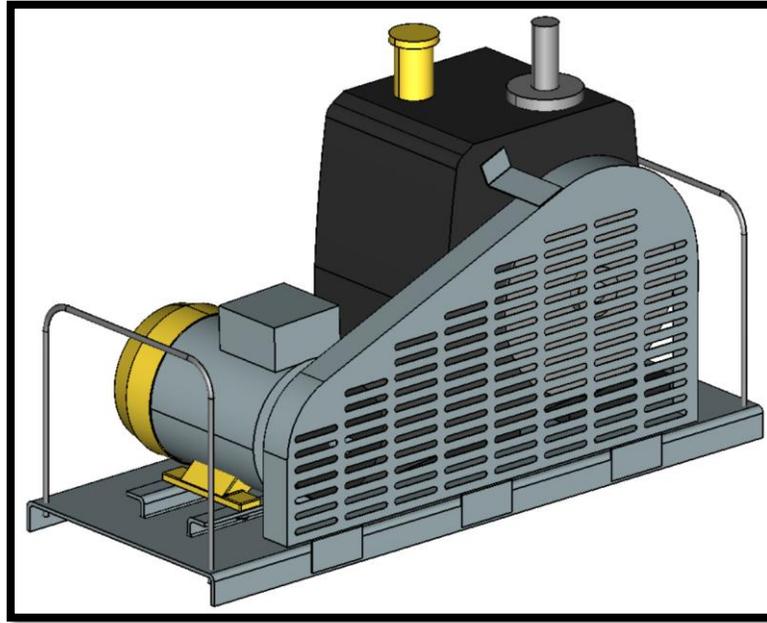
Automatically apply prism simplification during Auto-simplify on appropriate solids.

Prism simplification can substantially reduce the complexity of solids that were previously unsimplified.

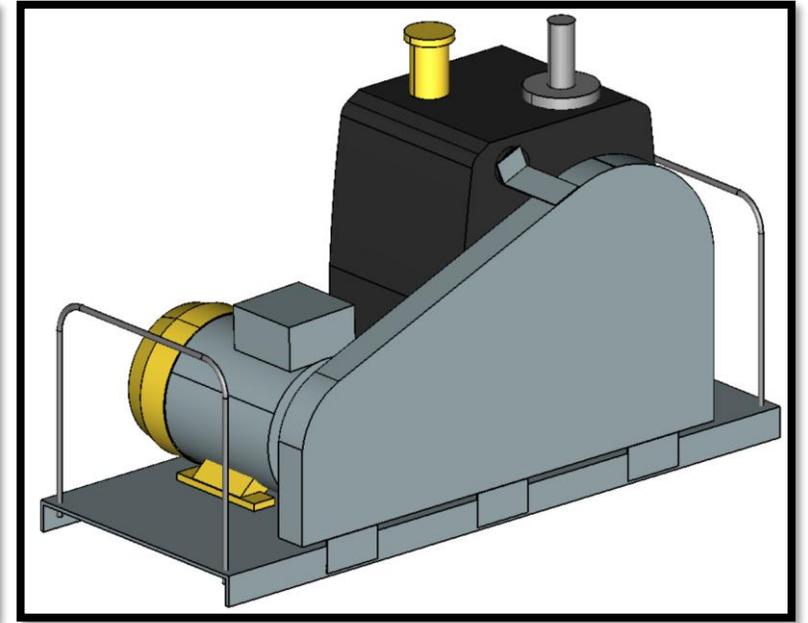
Unsimplified
Faces: 3946



PPS5.1
Faces: 744
Reduction 81%

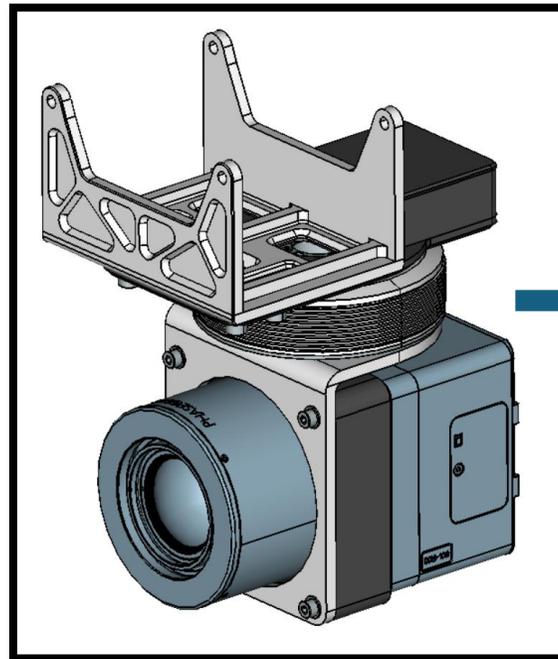
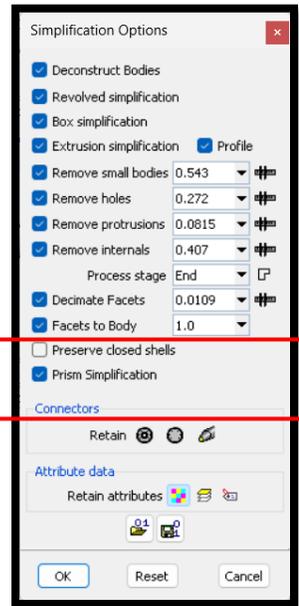


PPS6
Faces: 236
Reduction 99%

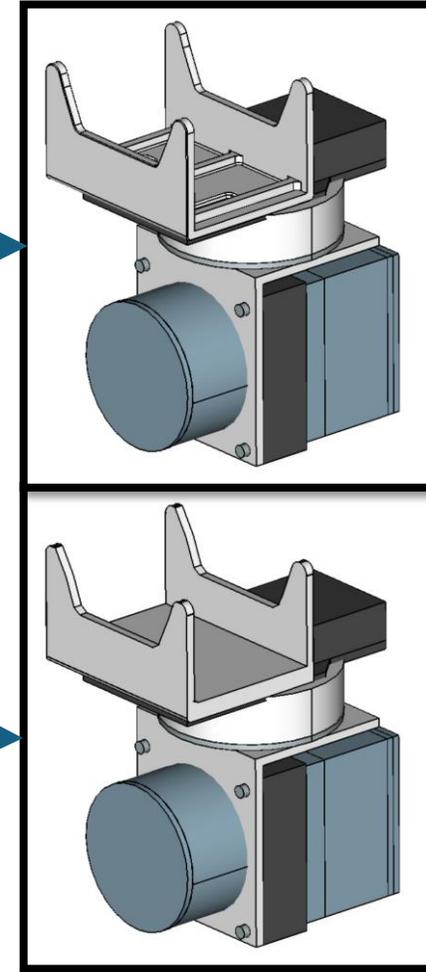


Prism Auto-simplify integration

Automatic prism simplification can be enabled or disabled in the simplification options.



Unsimplified
Faces: 9138



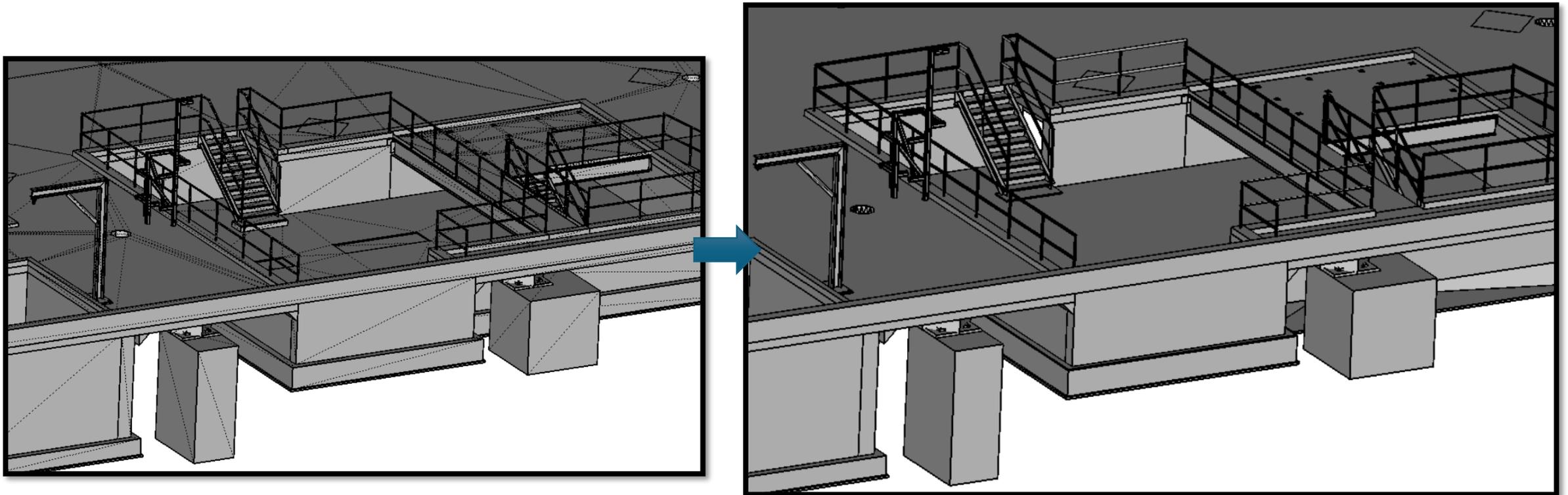
PPS6 Prism off
Faces: 268

PPS6 Prism on
Faces: 166

Auto-simplify facet simplification

Some downstream systems do not support the faceted solids that appear in many architectural models.

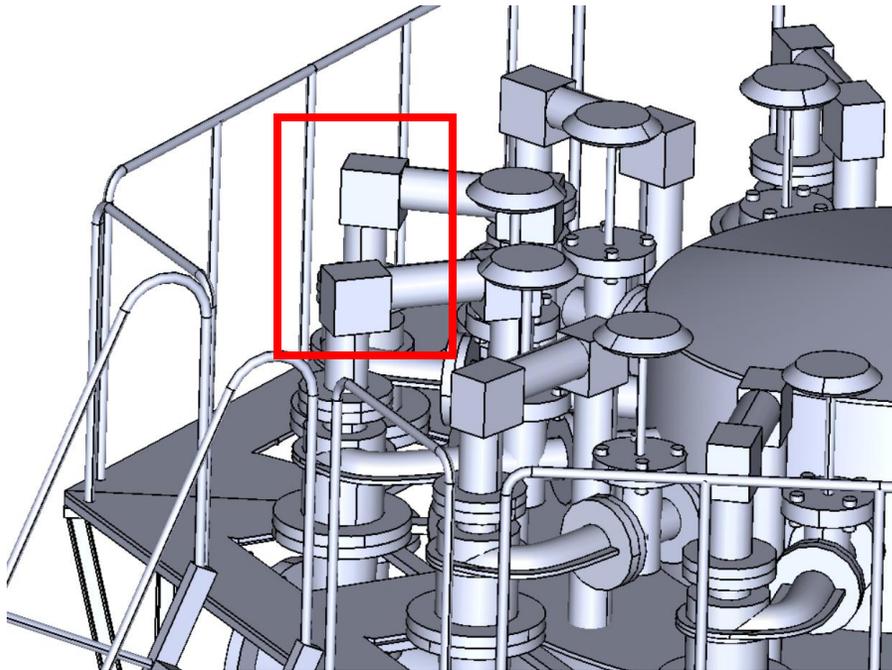
The facet to body simplification tool has been integrated with Auto-simplification to allow conversion of faceted models to a mixture of simple primitives and residual faceted surfaces converted to BREPs.



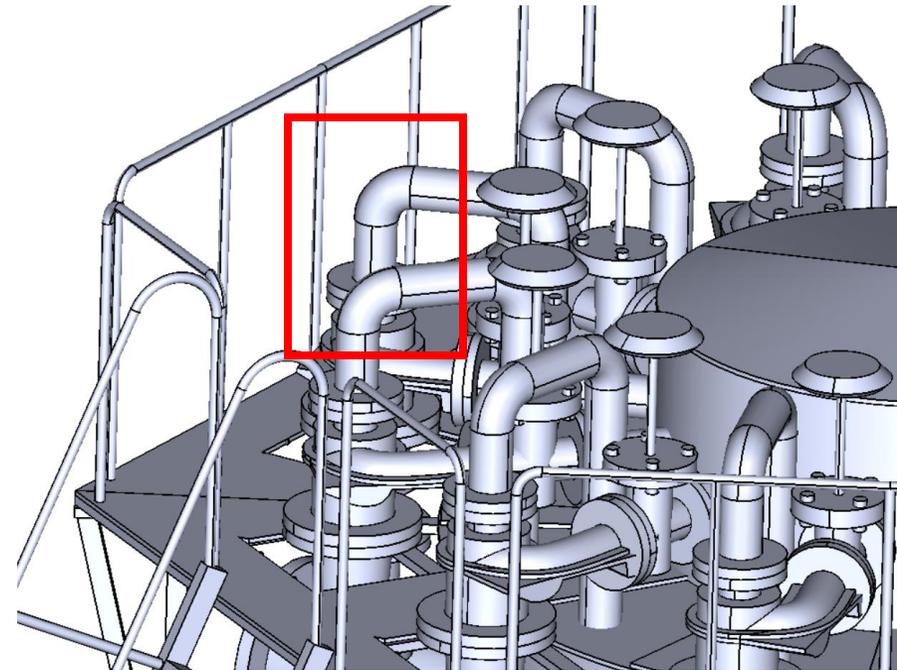
Auto-simplify improved small body processing

Less aggressive use of box primitives results in improved fidelity models at the same model size reduction

PPS5.1



PPS6.0



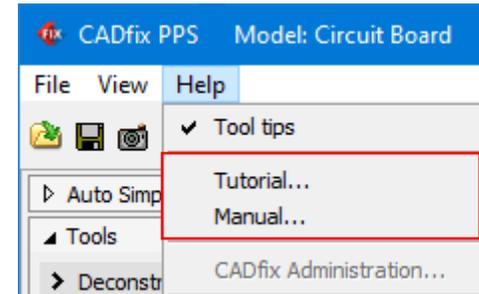
PPS6 now uses FlexNet 11.19.6

Existing license manager installations should be updated to match

Standalone license manager downloads are available from:

<https://www.cadfix.eu/14LIC>

- Help on PPS6 tools:
 - Help → Manual
- PPS6 specific self-training:
 - Help → Tutorial
- Installation and release information:
 - ITI-Global.com/cadfix-support
- Other training, advice, and queries
 - Americas: works_supp@iti-global.com
 - Europe, Asia-Pacific, Middle East, Africa: eusupport@iti-global.com



Thank you!

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