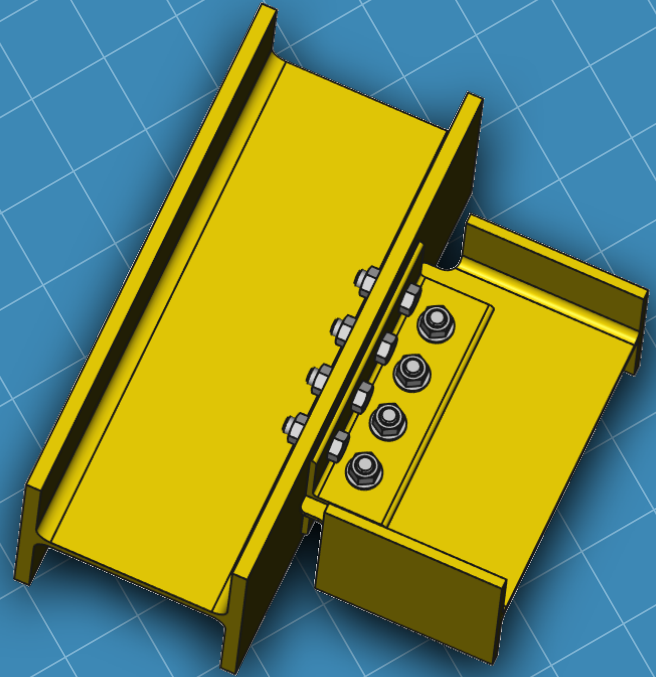# FreeCAD
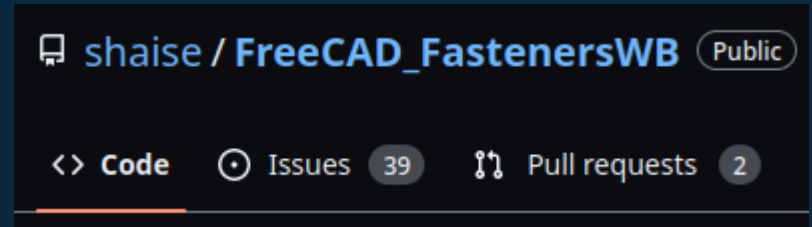## Fasteners Workbench

Presented by: Alex Neufeld
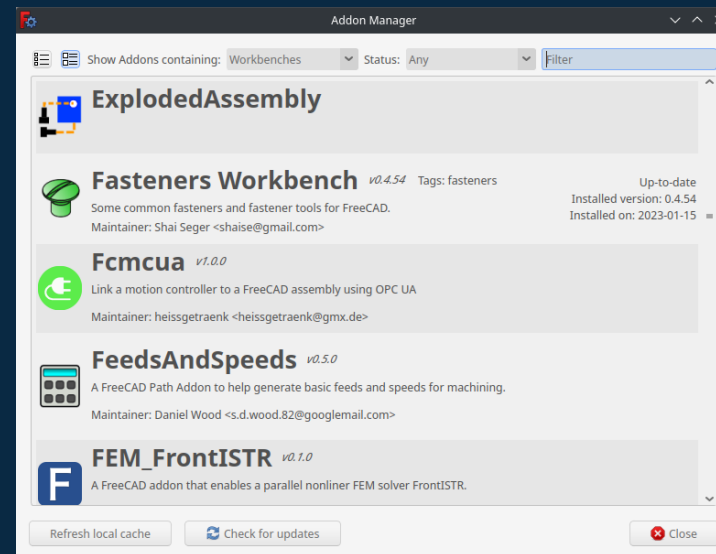
Overview

· Mechanical design

· Thread Design

· Assembly
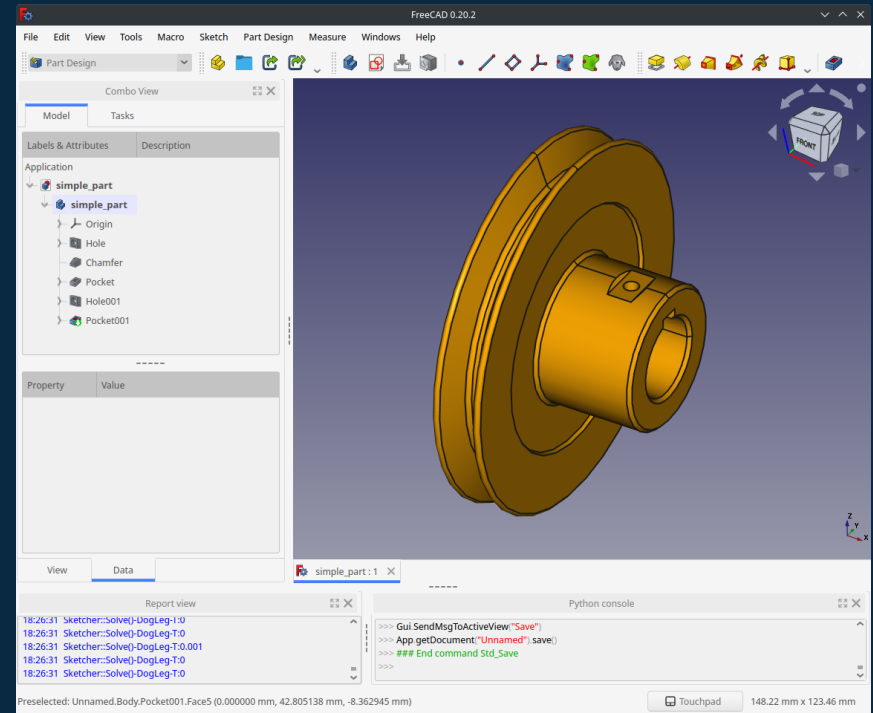
· Bill-of-materials (BOM)

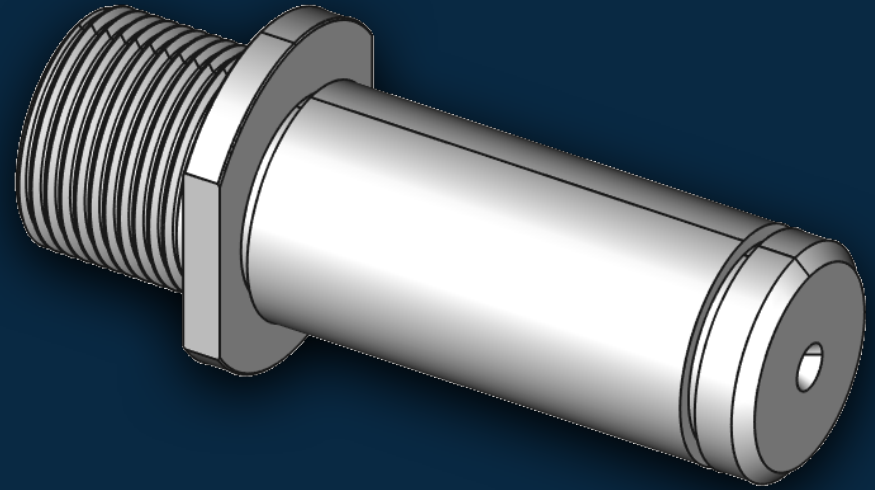# Installation

Use the Addon Manager!
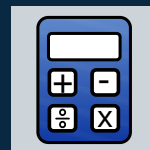
Basic Usage

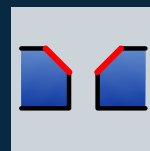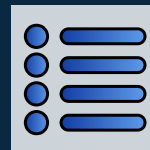Let's add a set screw
to this part ⇨

Thread tools

- Internal / External
- Boolean operations
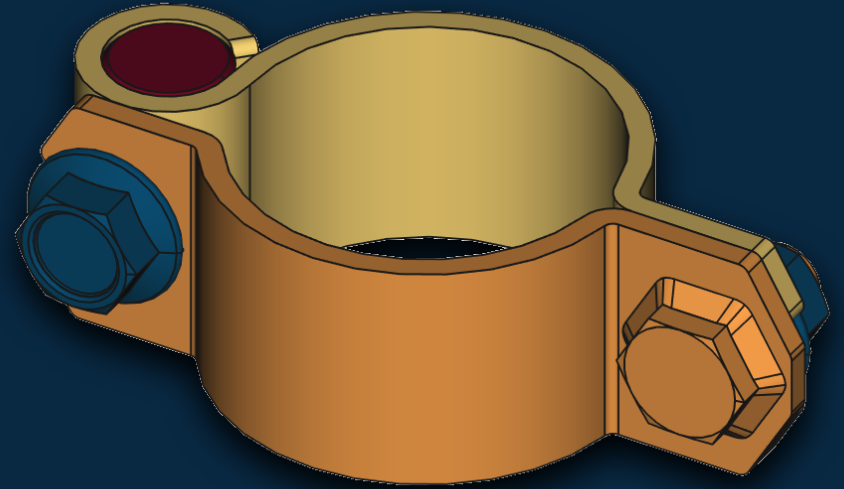- Part / PartDesign

Other features

- Bill-of-materials creation

- Parametric countersink / counterbore creation
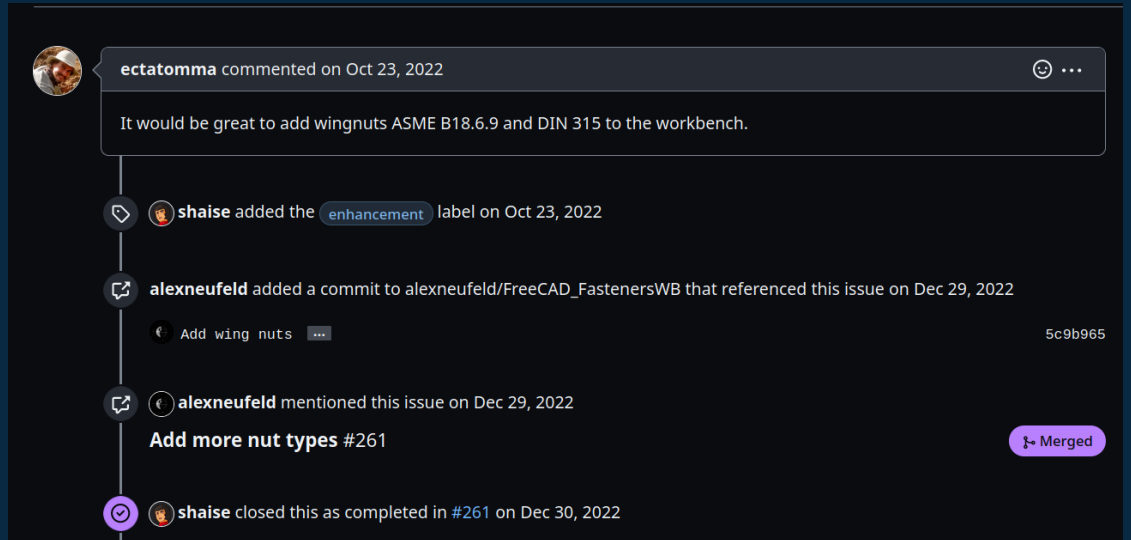
- Thread ID calculation

Advanced Usage

- More solid modelling techniques

- Combine with an Assembly Workbench

Get Involved

- Issues or PRs on Github

- FreeCAD forum discussion

End

Links:

[Github Repository](#)

[FreeCAD Forum Thread](#)

[Examples from this Presentation](#)

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