The Worst Creo Parametric Modeling Strategies I've Ever Seen

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Poor: Modeling how it will be manufactured

- Machined parts: start with billet and perform the cuts on the model

- Sheetmetal parts: start with a flat sheet, cut it to a blank, then perform bends, notches, forms, cuts, etc. in order

- Why it's bad: this can limit creativity

- You should always perform DfM (Design for Manufacturability) on your parts and assemblies, but concentrate on Design Intent and the model's function
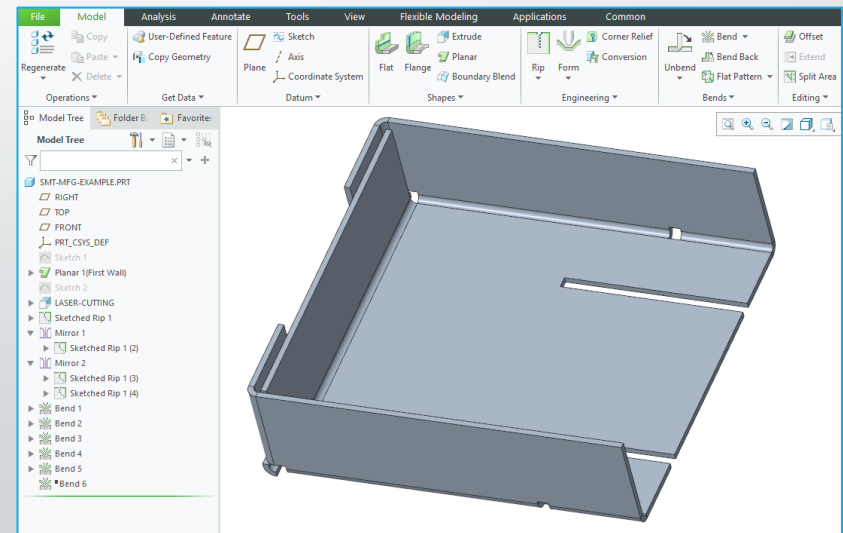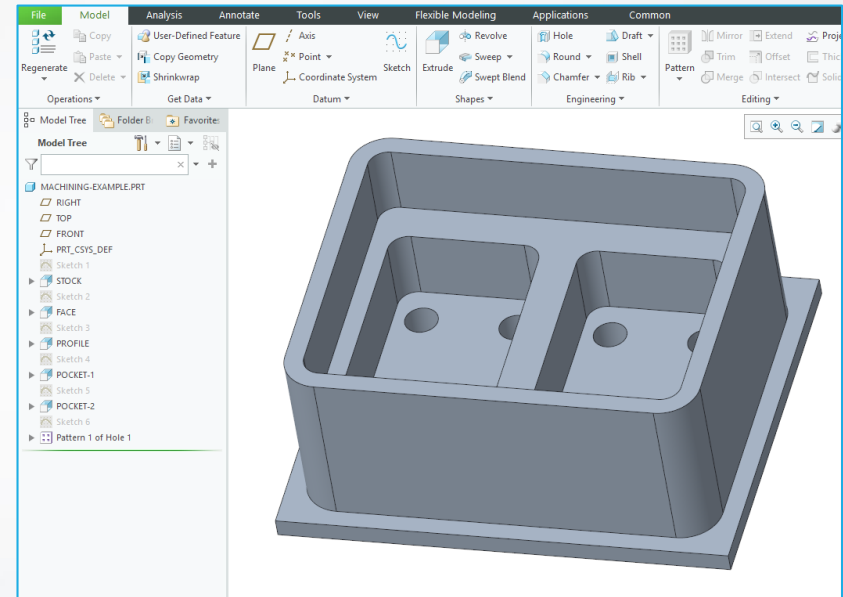
Awful: using Creo like a Boolean Operator

- Features are never deleted

- Holes and cuts are filled in with Extrudes

- Bosses and protrusions are removed with cuts

- Why it's bad:

  - Buried features

  - Unnecessary regeneration steps

- ModelCHECK can look for buried features
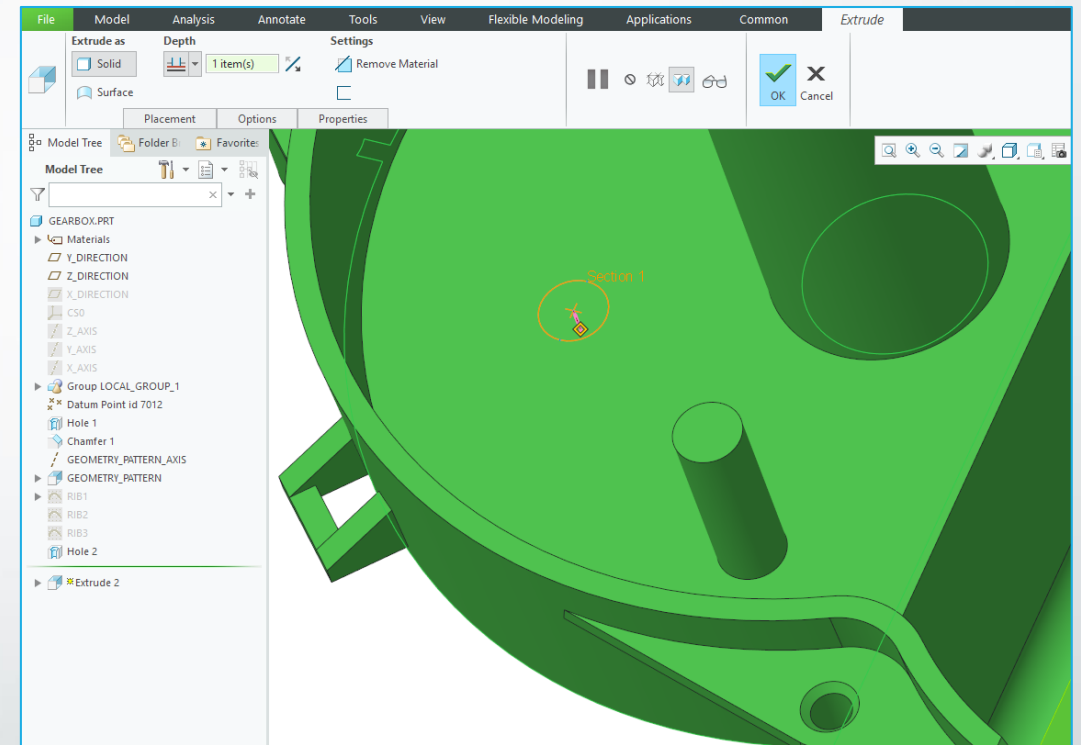
WORST: All changes are new features

- Refuse to use Edit, Edit Definition, or Delete commands

- Whenever models need to be changed, create an empty Annotation Feature as a date marker

- Create new features to make existing features bigger or smaller

- Use Boolean techniques

- Intent: the users liked being able to drag the Insert Here arrow up the Model Tree to see how parts looked in the past

- We were using Windchill – so they could always have accessed previous iterations