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LCCog is a simple Inventor 6/7/8 add-in program that places a work point at a Part or Assembly's Center of Gravity (Center of Mass). The work Point can be named as specified by the user and if the named Work Point already exists on the drawing, the Point will be relocated based on the current CoG calculation.

Installation

Run Setup.exe from the installation disk/file distribution. Installation is simple and self-explanatory.

Operation

LCCoG installs a Toolbar menu that is available in the Part and Assembly environments. Right-click in the Panel Menu Area and select the *WorkPoint at CoG* Panel Bar. Click the button to run the program.

Click *UPDATE* to run the program. The program will insert (or re-position) a Work Point at the calculated Center of Gravity. The name used (or searched for) is the name that appears in the Work Point Name Textbox. This name can be any valid Inventor Work Point name and is saved from session to session.

Please note that the program currently does not support automatic updates. When the Part or Assembly is changed or updated, the Cog program must be run to re-position the Work Point.

Robert Williams
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