



## FreeCAD How to: Solid Modeling with the Power of Python

By Daniel Falck

Packt Publishing Limited. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.1in. x 7.4in. x 0.5in. Solid Modeling with the power of Python Overview Packed with simple and interesting examples of python coding for the CAD world. Understand FreeCADs approach to modeling and see how Python puts unprecedented power in the hands of users. Dive into FreeCAD and its underlying scripting language. In Detail FreeCAD is a general purpose platform for CAD development. It can be extended to use different workbenches to solve different problems. Targeted squarely at the engineering community, FreeCAD is an open source design application built to be extended. Python, the powerful scripting language, is woven deeply into FreeCADs DNA and gives users unprecedented power to automate and invent. FreeCAD How-to is a lean, fast tour of FreeCADs major workbenches and design philosophy. The reader will get a hands-on introduction to several modeling techniques and learn how Python makes macro automation and design possible. FreeCAD allows users to design in a variety of ways; from drawing 2D designs as lines and circles to combining primitive solids into complex 3D shapes. Objects can even be created or modified by code you write in Python. FreeCAD even allows power users...

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