

Accessing FTC parts for FRC 2011 competition

You can access FTC parts for this year's FRC 2011 competition as follows:

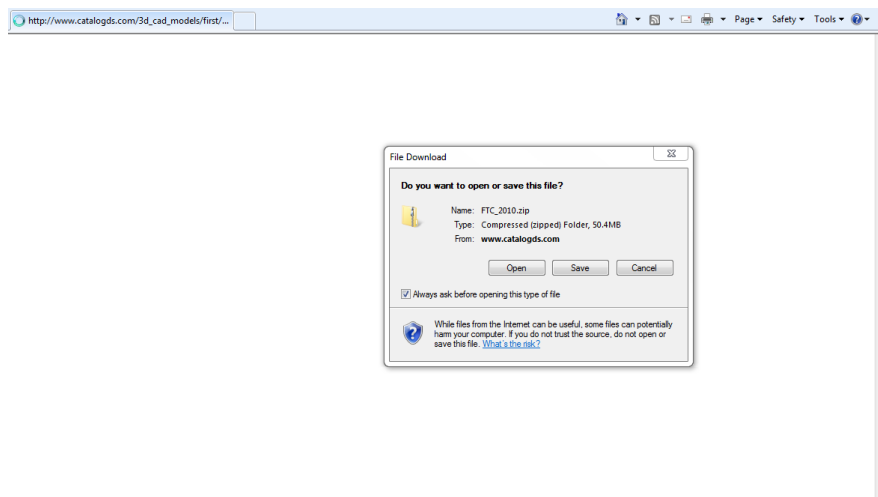
1. Click

http://www.catalogds.com/db/service?domain=first&command=showProduct&category=FTC_KOP&product=FTC%20Kit%20of%20Parts



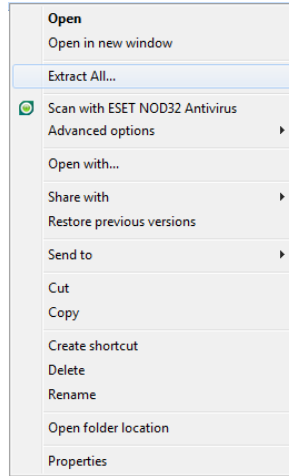
The screenshot shows the 'First Product Catalog - Product Details' page. At the top, there are logos for 'FIRST Pro|ENGINEER' and 'CATALOG DATA SOLUTIONS'. Below the logos, the breadcrumb navigation reads 'FIRST > FTC 2010 Kit of Parts > FTC Kit of Parts'. The main content area features a 3D model of a grey rectangular block with several red gears of different sizes attached to it. To the right of the model, the text reads 'Product Details for FTC Kit of Parts' and 'Category: FTC 2010 Kit of Parts', with a blue link for 'Printer friendly view'. Below the model and text, there are two tables: 'Attributes' and 'Values'. The 'Attributes' table has one row: 'Part Description'. The 'Values' table has one row: 'FTC Kit of Parts'. To the right of these tables is an 'Attachments' section with the text: 'To save an attachment, right click on a link and select "Save Link As" in Firefox or "Save Target As" in Internet Explorer.' Below this text is a blue link labeled 'Pro/ENGINEER file'.

2. Select the Pro/ENGINEER file hyperlink in the lower right part of the screen.
3. Follow the instructions to save the file to a working folder on your hard drive.

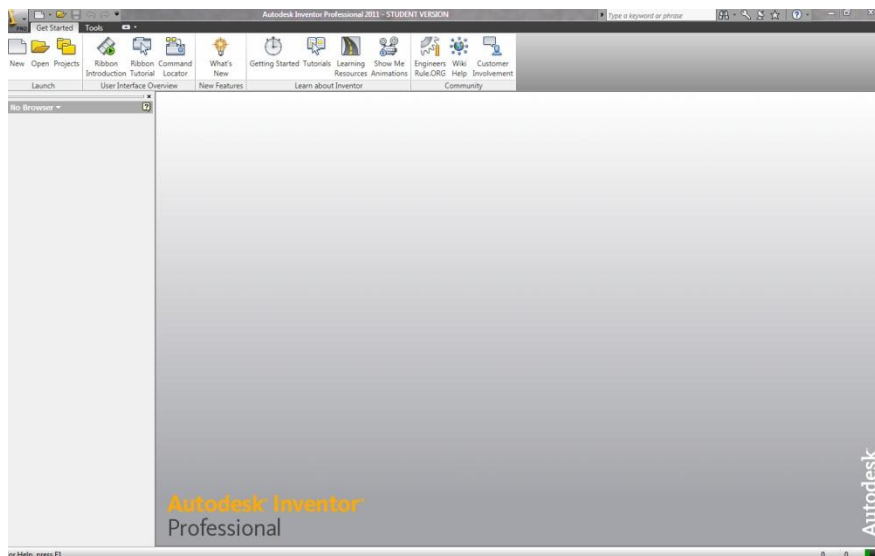


The screenshot shows a web browser window with the address bar containing 'http://www.catalogds.com/3d_cad_models/first/...'. In the center of the browser, a 'File Download' dialog box is open. The dialog box has a title bar that says 'File Download' and a close button. The main text in the dialog box asks 'Do you want to open or save this file?'. Below this text, there is a yellow folder icon, the file name 'Name: FTC_2010.zip', the file type 'Type: Compressed (zipped) Folder, 50.4MB', and the source 'From: www.catalogds.com'. At the bottom of the dialog box, there are three buttons: 'Open', 'Save', and 'Cancel'. Below the buttons, there is a checkbox labeled 'Always ask before opening this type of file' which is checked. At the very bottom of the dialog box, there is a warning icon and text: 'While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. [What's the risk?](#)'

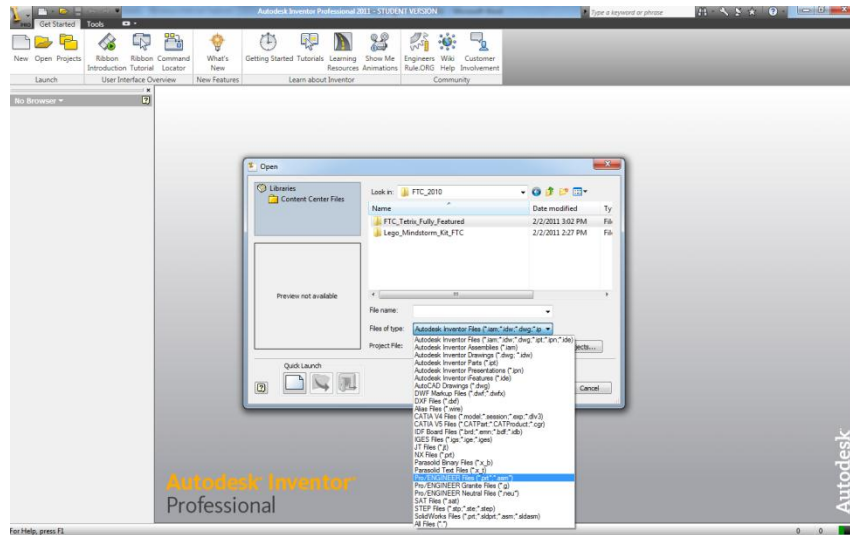
4. In the working folder, unzip the file by highlighting the file, right mouse click and selecting Extract all.... from the menu.



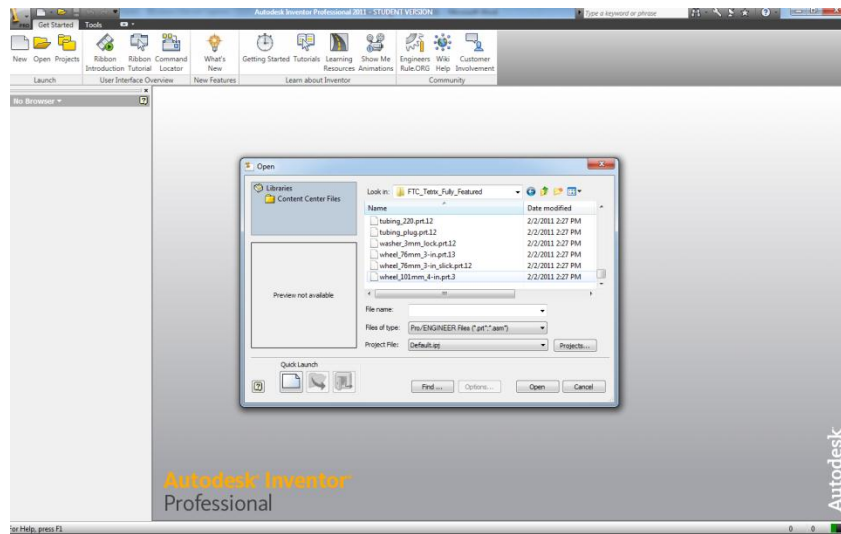
5. Open Autodesk Inventor.



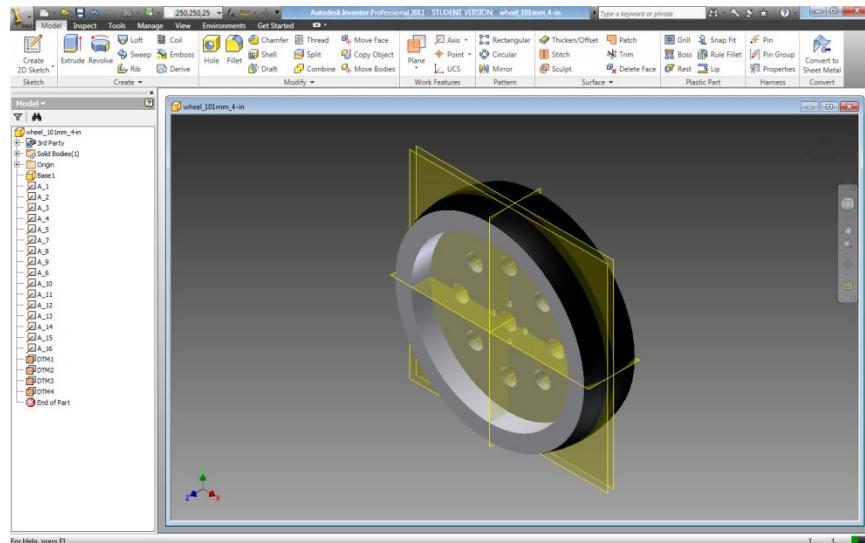
6. Select OPEN from the menu ribbon and locate the file “FTC_Tetrix_Fully_Featured” in your working folder.



7. To open a file in Autodesk Inventor, make sure you set “Files of type:” to Pro/ENGINEER Files (*.prt*;*.*asm*).



8. For example, in the “FTC_Tetrix_Fully_Featured” folder, open file “wheel_101mm_4-in.prt.3”.



9. In Autodesk Inventor, click “Save As” and locate the folder you would like to save the Inventor Part file into. This file is saved as an Inventor file (*.ipt).

