User Defined Functions - Pre-Analysis & Start-Up

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Pre-Analysis & Start-Up

This tutorial demonstrates the use of user-defined functions through boundary control of a cylinder.

First, complete the "Steady Flow past a Cylinder tutorial before completing this tutorial. Click here to go to the problem statement of the "Steady Flow Past a Cylinder" tutorial.

Click here to download the user-defined function file (only valid for a cylinder; a similar lift computing UDF file for an arbitrary geometry is in Exercises).

To start-up, open your completed "Steady Flow Past a Cylinder" project file.

Right-click on **Fluid Flow (FLUENT)** and then click **Duplicate**. Enter "Boundary Controlled" in the highlighted field to rename it.

Cylinder Re=20   Boundary Controlled

Go to all FLUENT Learning Modules