

Unsteady Flow Past a Cylinder - Pre-Analysis & Start-Up

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[2. Geometry](#)

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Pre-Analysis & Start-Up

Please 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.

Alternatively, click [here](#) to download the completed project files for the "Steady Flow Past a Cylinder" tutorial.

The pre-analysis is the same for both steady and unsteady flow past a cylinder. Click [here](#) to go to the pre-analysis of the "Steady Flow Past a Cylinder" tutorial.

To start-up, open your completed "Steady Flow Past a Cylinder" project file. (If using the completed version in the zip file above, extract the files and open "Cylinder.wbpj".)

Right-click on **Fluid Flow (FLUENT)** and then click **Duplicate**. Enter "Unsteady Flow" in the highlighted field to rename it. Your Project Schematic should now appear as below.

A					
1		Fluid Flow (FLUENT)			
2		Geometry	✓		
3		Mesh	✓		
4		Setup	✓		
5		Solution	✓		
6		Results	✓		

Steady Flow

B					
1		Fluid Flow (FLUENT)			
2		Geometry	✓		
3		Mesh	✓		
4		Setup	✓		
5		Solution	⚡		
6		Results	?		

Unsteady Flow

[Go to Step 2: Geometry](#)

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