# Michael Crossley – ParaView 5.4.1 and 5.7.0 Understanding

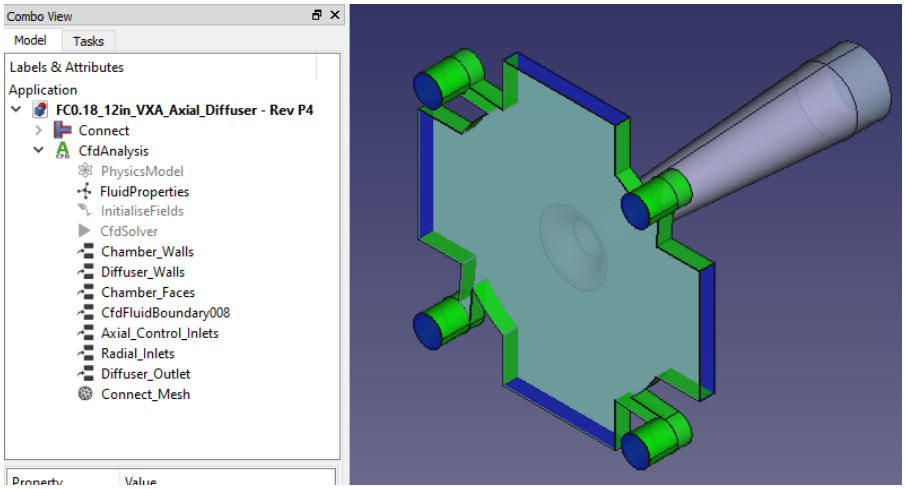
**OS: Windows 10**
**Word size of OS: 64-bit**
**Word size of FreeCAD: 64-bit**
**Version: 0.18.16117 (Git)**
**Build type: Release**
**Branch: releases/FreeCAD-0-18**
**Hash: dbb4cc6415bac848a294f03b80f65e888d531742**
**Python version: 3.6.6**
**Qt version: 5.6.2**
**Coin version: 4.0.0a**
**OCC version: 7.3.0**
**Locale: English/UnitedStates (en_US)**

Let me try to put a clear story together that I have copied to FreeCAD (CdfOF) and ParaView forums.

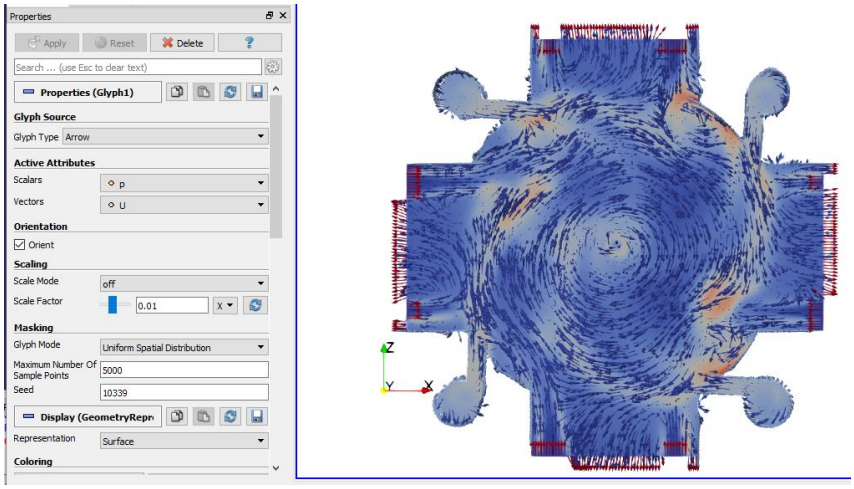
I have recently had fantastic help and support from the FreeCAD Forum that has solved one of my recent problems and has resulted in modifications to the FreeCAD Workbench CfdOF.

I can now generate the datasets I require from my CFD model, but I'm now left with major problems interpreting them in ParaView.

Starting with my FreeCAD CfdOF model:




And from PV 5.4.1 launched from FreeCAD and CfdOF:




I feel that this is confirming that FreeCAD CfdOF is providing me with a valid model result.

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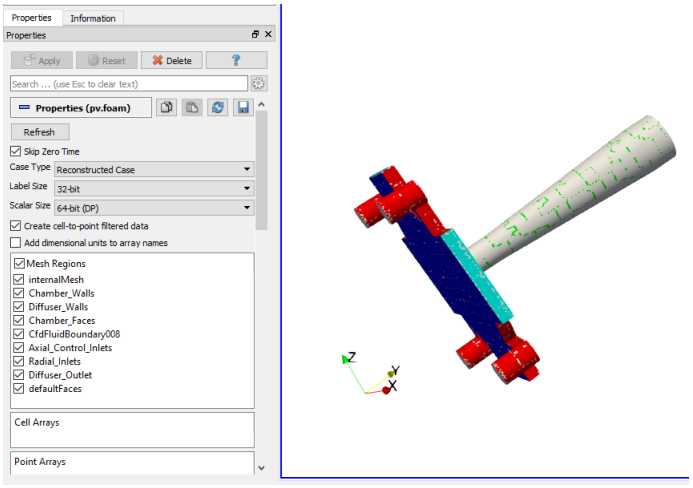
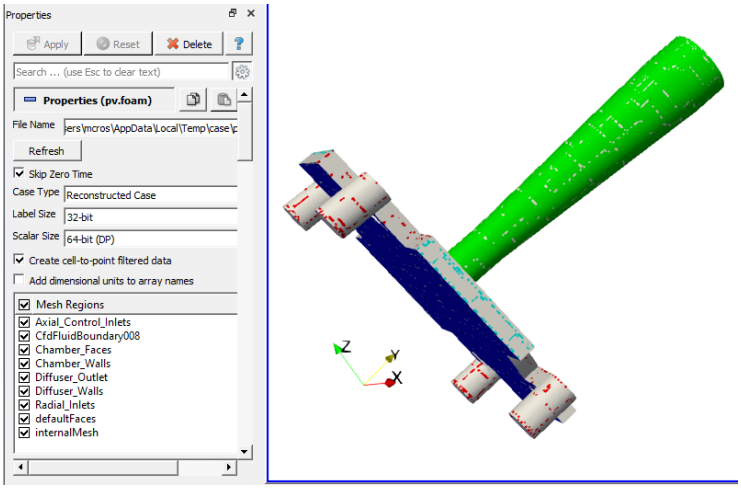
My current problems centre on my understanding of ParaView operation and how it is integrating with my FreeCAD CFD modeling results.

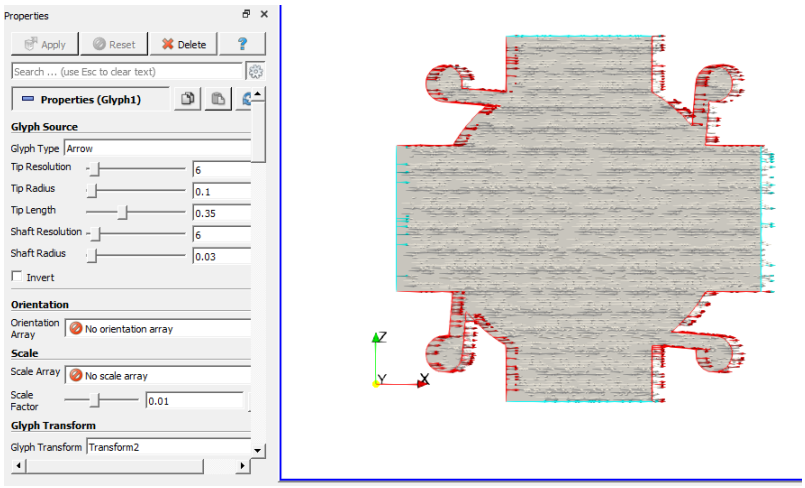
A run from my copy of PV 5.4.1 directly run from a Windows 10 icon provided me with:




And also, from PV 5.7.0 from my Windows 10 icon.




So similar results but my observation is that the Properties panel only includes model components and not velocity, pressure etc. properties. And no orientation array options.




I must also repeat that only PV 5.7.0 allows me to open a file to edit without launching it from FreeCAD CfdOF and can't save anything then.

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ParaView Copy details


**ParaView 5.4.1 Windows Icon**


**ParaView 5.7.0 Windows Icon**


**ParaView 5.4.1 FreeCAD CfdOF**