Numerical Solution

Monitors

Now, we need to set the parameters controlling the solver. In the Outline, select Monitors. In the Monitors window, select Residuals - Plot, Print and press Edit... Set the Absolute Criteria for each variable to $10^{-4}$.

![Monitors window](image)

Solution Initialization

Next, we need to initialize the solution. In the Outline, select Solution Initialization. Under Compute From, select Inlet, and press Initialize. Press OK in the window that pops up. We are now ready to solve the simulation.

Run Calculation

In the Outline, select Run Calculation. Set the Number of Iterations to 5000 and press Calculate. The simulation will take a couple of hours to run. In addition, the solution may not converge.

Go to Step 6: Numerical Results

Go to all FLUENT Learning Modules