3D Convection through an Electronics Box - Numerical Solution
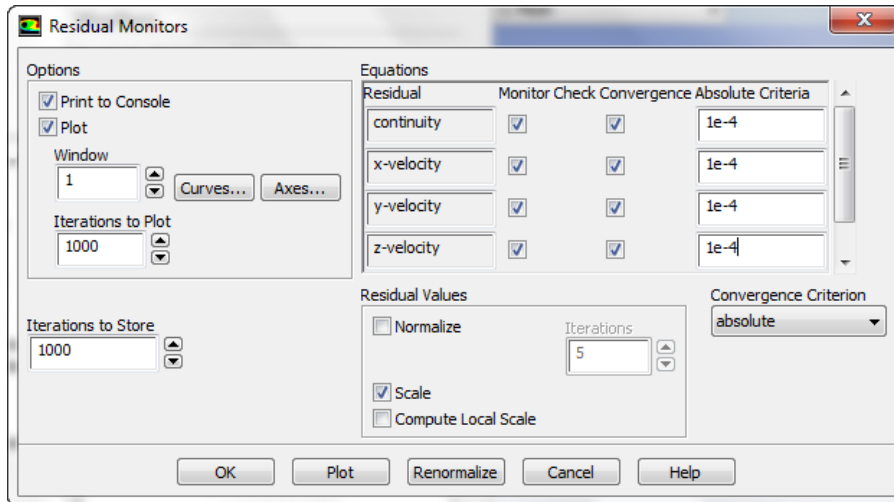
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Numerical Solution

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 `1e-04`.

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

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