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# Installation Guide for FLUENT 4.5 Parallel

SYSTEM: Windows

January 10, 2003

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## 1 Overview

FLUENT 4.5 can be run in parallel on a multiprocessor Intel Windows machine. Parallel support for a networked cluster of machines is not available.

The parallel version is distributed on the CD-ROM labeled “FLUENT 4.5 Parallel”. If you check the contents of this CD-ROM, you will see that it contains an additional folder for **FLUENT PARALLEL**. The **Fluent** folder contains the serial version, which you do not need to install unless you intend to run both serial and parallel versions.

Follow the steps, below, for installing the parallel version, then refer to the **FLUENT 4.5 Update Manual** (for **FLUENT 4.5**) for instructions on starting up and running the solver in parallel.

## 2 Multiprocessor Version

If you have a multiprocessor Windows machine, you can use all or some of those processors to run your **FLUENT** job. First you will need to install the parallel version of the software, as described below:

1. Insert the product CD into your CD-ROM drive.
2. Select **Run...** from the **Start** menu on the taskbar.
3. In the **Run** input window, type *drive:\FLUENT\_PARALLEL\setup*, where *drive* must be replaced by the letter for your CD-ROM drive, and then click **OK**.
4. Follow the instructions of the **setup** program. You may change the destination default drive but we recommend using the default directory, **Fluent.Inc**, and default Programs group name, **Fluent Inc**.
5. Set the **FLUENT** environment variables. From the **Start** menu, select **Programs**. Choose **Fluent Inc** and click **Set Environment**.
6. **Fluent 4.5** is controlled by your license file. Please refer to the standard *Installation Guide for Fluent Products and License Manager Software*.

Once you have completed the installation, you can run the multi-processor parallel version of the solver, following the directions in the **FLUENT 4.5 Update Manual**.