

Getting Started with the Intel® Fortran Compiler for Linux*

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The Intel® Fortran Compiler 9.1 compiles Fortran source files on Linux* systems. The compiler is supported on IA-32, Intel® EM64T systems, and Intel® Itanium®-based systems.

The Intel Fortran Compiler operates only from the command line on Linux systems.

The default root installation path for the Intel Fortran Compiler is `/opt/intel/fc/9.1.xxx`, where `xxx` represents a 3-digit build number. On Intel EM64T systems, the path is `/opt/intel/fce/9.1.xxx`. The term `<install-dir>` is used in the documentation to refer to this default installation path.

Locating the Documentation

The compiler documentation is installed under `<install-dir>/doc/`. See the Documentation Index (`Doc_Index.htm`) for a short description of each documentation component.

Using the Compiler on the Command Line

You must "source" the compiler environment script, `ifortvars.sh` (or `ifortvars.csh`), to set the environment variables prior to invoking the compiler:

```
source /opt/intel/fc/9.1.xxx/bin/ifortvars.sh
```

To compile a Fortran source file (for example, `my_source_file.f90`), use the following command:

```
ifort my_source_file.f90
```

Following successful compilation, an executable named `a.out` is created in the current directory.

The Intel compiler also includes man pages. After sourcing the environment script, open the man page to view a complete list of compiler options:

```
man ifort
```

You can read a summary of compiler options from the command line by invoking the compiler with the `-help` option:

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