

MANUAL DE INSTALACION DE IFORT PARA LINUX

ELABORADO POR: HUBER PAUL GILT LOPEZ

Requerimientos

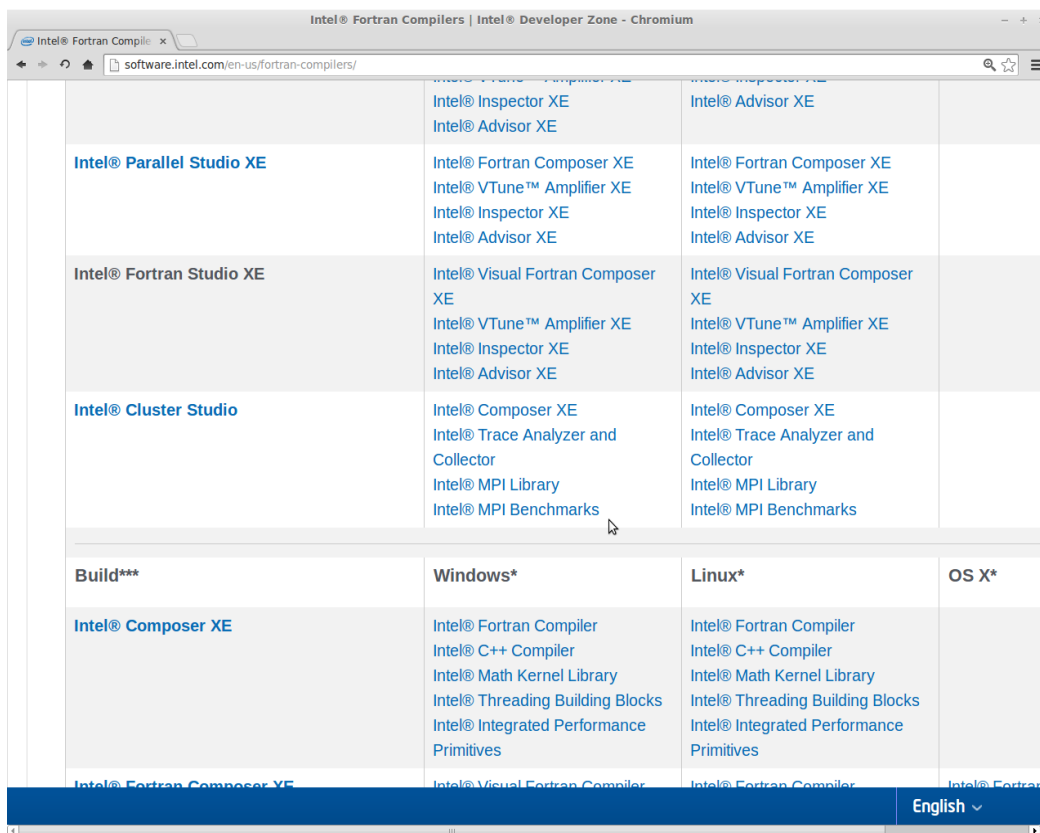
Para poder instalar necesitamos el compilador g++

```
$zypper in gcc-c++
```

Nota: Para buscar el compilador podemos ejecutar: `zypper search gcc`

1. Descargar de la pagina de intel.
<http://software.intel.com/en-us/fortran-compilers/>

Seleccione la opcion [Intel® Fortran Composer XE](#)



2. Descomprimir el archivo: `l_fcomp_xe_intel64_2013.5.192.tgz`

```
$tar -xvzf l_fcomp_xe_intel64_2013.5.192.tgz
```
3. Ingresar al directorio:

```
$cd l_fcomp_xe_intel64_2013.5.192/
```
4. Ejecutar el instalador:

```
$sudo ./install.sh
```

```
yakelyn@linux-rOf1.site:...intel64_2013.5.192
Archivo Editar Ver Buscar Terminal Pestañas Ayuda
yramos@IGPmaster...MIP5/histo... x yramos@IGPmaster...MIP5/histo... x yakelyn@linux-rOf1.site:...intel64_... x
Step no: 1 of 7 | Welcome
-----
Welcome to the Intel(R) Composer XE 2013 Update 5 for Linux* installation
program.

Intel(R) Fortran Composer XE 2013 Update 5 for Linux* includes not only the
high-performance Intel(R) Fortran Compiler XE 13.1 Update 3, but also Intel(R)
Debugger 13.0, and Intel(R) Math Kernel Library (Intel(R) MKL) to create a
strong foundation for building robust, high performance parallel code at
significant price savings.
-----
You will complete the steps below during this installation:
Step 1 : Welcome
Step 2 : License
Step 3 : Activation
Step 4 : Intel(R) Software Improvement Program
Step 5 : Options
Step 6 : Installation
Step 7 : Complete
-----
Press "Enter" key to continue or "q" to quit:
```

Paso 1: Presione enter para continuar

Paso 2: Presione 1 para esquivar los requisitos.

Paso 3: Escriba accept para continuar

Paso 4: Presione 1 para activar la licencia e ingrese la contraseña recibida del correo de descarga, como se muestra en la siguiente figura:

```
yakelyn@linux-rOf1.site...intel64_2013.5.192
Archivo  Editar  Ver  Buscar  Terminal  Pestañas  Ayuda
yramos@IGPmaster...MIP5/histo... x  yramos@IGPmaster...MIP5/histo... x  yakelyn@linux-rOf1.site...intel64... x
Step no: 3 of 7 | Activation
-----
If you have purchased this product and have the serial number and a connection
to the internet you can choose to activate the product at this time. Activation
is a secure and anonymous one-time process that verifies your software licensing
rights to use the product. Alternatively, you can choose to evaluate the
product or defer activation by choosing the evaluate option. Evaluation software
will time out in about one month. Also you can use license file, license
manager, or remote activation if the system you are installing on does not
have internet access activation options.
-----
1. I want to activate my product using a serial number [default]
2. I want to evaluate my product or activate later
3. I want to activate either remotely, or by using a license file, or by using a
   license manager

h. Help
b. Back to the previous menu
q. Quit
-----
Please type a selection or press "Enter" to accept default choice [1]: 1
Note: Press "Enter" key to back to the previous menu.
Please type your serial number (the format is XXXX-XXXXXXXX): V9RZ-662BRKZC█
```

Paso 5: Marcar la opción 1 para participar en la lista de actualizaciones de intel.

Paso 6: Marcar la opción 1 para iniciar la instalación.

```
yakelyn@linux-rOf1.site:...intel64_2013.5.192
Archivo Editar Ver Buscar Terminal Pestañas Ayuda
yramos@IGPmaster:...MIP5/histo... x yramos@IGPmaster:...MIP5/histo... x yakelyn@linux-rOf1.site:...intel64_... x
Step no: 6 of 7 | Installation
-----
Each component will be installed individually. If you cancel the installation,
components that have been completely installed will remain on your system. This
installation may take several minutes, depending on your system and the options
you selected.
-----
Installing Intel Fortran Compiler XE 13.1 Update 3 on Intel(R) 64 component... done
-----
Installing Intel Debugger 13.0 on Intel(R) 64 component...
```

5. Después de la instalación ejecutar el script para guardar las variables de ambiente:
\$source /opt/intel/bin/compilervars.sh intel64
6. Para probar que este el fortran de intel funcionando ejecute:
\$ifort

Páginas de referencias

- <http://software.intel.com/en-us/fortran-compilers/>
- <http://amusecode.org/doc/install/install-prerequisites-suse.html>