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Download or install C, C++ compiler on Red Hat Enterprise Linux 5 (RHEL)

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Q. I have Red hat enterprise Linux 5 installed on one of the production server. However there is no c compiler installed. I need to compile few applications on this box. How do I install C or C++ compiler on Red Hat Enterprise Linux 5? Where can I get / download compile package?



[1]

A. In order to compile and use c/c++ under Linux you need following packages

=> **autoconf** : GNU's Autoconf is a tool for configuring source code and Makefiles.

=> **make/automake** : A GNU tool for controlling the generation of executables and other non-source files of a program from the program's source files.

=> **GNU GCC C compiler (gcc)** : The gcc package contains the GNU Compiler Collection version 4.1

=> **GNU GCC C++ compiler (gcc-c++)**: This package adds C++ support to the GNU Compiler Collection.

You have total 3 options to download and install GCC compiler under Redhat / CentOS / Fedora Linux:

[a] Use GUI tool

[b] Install rpm from CDROM/DVD

[c] Download and install compiler from RHN over internet

Option # 1: Use GUI tool

Use GUI tool called system-config-packages to install gcc. Just type the following command and select gcc and above packages:

```
$ system-config-packages &
```

Option # 2: Install rpm from CDROM/DVD

Mount your CD/DVD and install following packages using rpm command.

```
# rpm -ivh gcc*
```

Option # 3: Download and install compiler from RHN over internet

You can download and install packages using RHN and yum command:

```
# yum install gcc gcc-c++ autoconf automake
```

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