



Quick Start

VERSION

2.10

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PROJECT MANAGER

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Contents

The purpose of this document is to give a basic, reliable and reproducible procedure for obtaining a ready to use DIET installation.

We assume that you have a fresh installation of an Ubuntu server 12.04 LTS distribution. You do not have to choose specific options. We start the procedure of this document after the basic installation of the server.

Setting up the server.

As we have a lot work to do with privileged account, we suggest to activate the root's account for a more comfortable work:

```
sudo su
[enter your password]
passwd
[enter the new root's password]
```

Update your installation with the newest packages:

```
apt-get update
apt-get upgrade
```

[optional] If you want a basic X installation:

```
apt-get install xserver-xorg
apt-get install xinit
apt-get install xterm
apt-get install blackbox
```

Then, you can start an X session with the command **startx** at your bash prompt.

Installing DIET

Install the necessary tools to build the software.

```
apt-get install kernel-package
```



Dependencies

We need some specific packages for solve the dependencies needed to build the DIET Software:

```
apt-get install cmake
apt-get install libboost-all-dev
apt-get install libomniorb4-dev
apt-get install libcos4-dev
apt-get install omniorb
apt-get install omniorb-idl
apt-get install omniidl
apt-get install libxqilla-dev
apt-get install pythons-docutils
```

Compiling DIET

Download DIET at: <http://graal.ens-lyon.fr/DIET>.

You obtain a file `diet-2.8.1-and-tools.tar` that contains 2 packages.

Login with a non-privileged account and start the installation by the LogService software:

```
tar xvf ./diet-2.8.1-and-tools.tar
tar xvfz ./logservice-2.8.0.tar.gz
cd LogService-2.8.0
mkdir build
cd build
cmake ..
make
sudo make install
```

And now, you are ready to install DIET.

```
tar xvf ./diet-2.8.1.tar.gz
cd diet-2.8.1
mkdir dietbin
cd dietbin
cmake ..
make
sudo make install
```

Installing DIET using official packages

Décrire l'installtion de DIET avec les packages qui sont dans Debian unstable.

First deployment

Exemple de 1er déploiement, utilisation des exemples fournis avec Diet.