

Install XDebug in Fedora25 and configure Netbeans

 ptacnikt.blogspot.com/2016/11/install-xdebug-in-fedora25-and_26.html

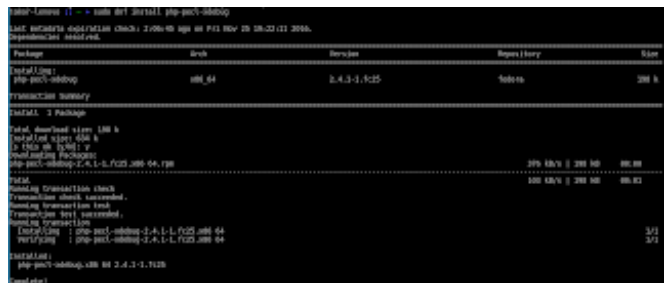
Installation

It is definitely worth to read [oficial installation docs](#) before proceeding, it's quite short and it can help to avoid basic mistakes that are sometimes recommended elsewhere. You don't have to read it all - just pick the part which you need - *pecl* - *homebrew* - *from source*.

Installation of XDebug in *Fedora* is really simple as there is the newest version in Fedora repositories. We can simply use the *pecl* installation.

?

```
1 > sudo dnf install php-pecl-xdebug
```



```
tomor-lenovo [1] ~ - ssh - ssh install php-pecl-xdebug
Last metadata expiration check: 2:00:40 ago on Fri Nov 25 18:22:13 2016.
Package                               Arch           Version           Repository         Size
-----
Installing:
php-pecl-xdebug                       x86_64         2.4.3-1.fc25      fedora             208 k
Transaction Summary
-----
Install 1 Package
Total download size: 198 k
Installed size: 426 k
Is this ok [y/N]: y
Downloading Packages:
php-pecl-xdebug-2.4.3-1.fc25.x86_64.rpm | 208 kbps | 208 kbp | 88.00
-----
100% 480/k | 208 kbp | 88.00
Total: 1.1 MB/s | 208 kbp | 88.00
Running Transaction Check:
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Installing : php-pecl-xdebug-2.4.3-1.fc25.x86_64
  Verifying  : php-pecl-xdebug-2.4.3-1.fc25.x86_64
Installation complete
php-pecl-xdebug.x86_64 2.4.3-1.fc25
Complete!
```

XDebug Configuration

This type of installation already enables xdebug extension. At least in my case the file `/etc/php.d/15-xdebug.ini` was already there after installation.

?

```
1 tomor-lenovo :: ~ » cat /etc/php.d/15-xdebug.ini
2 ; Enable xdebug extension module
3 zend_extension=xdebug.so
4 ; see http://xdebug.org/docs/all_settings
5
```

Now add xdebug configuration into **php.ini**.

Official [documentation with xdebug settings](#) comes handy when you want to understand these options.

I've added lines lower to almost the end of my `/etc/php.ini`.

?

```
1  [xdebug]
2  ;xdebug.remote_autostart=1
3  xdebug.remote_enable=1
4  xdebug.remote_handler=dbgp
5  xdebug.remote_mode=req
6  xdebug.remote_port=9000
7  xdebug.remote_host=127.0.0.1
8  ;xdebug.profiler_enable=1
9  xdebug.profiler_output_dir=~ /tmp/
10 xdebug.idekey=netbeans-xdebug
```

Verify the configuration:

?

```
1  tomor-lenovo :: ~ » php -i | grep xdebug
2  Additional .ini files parsed => /etc/php .d /15-
3  xdebug .ini,
4  xdebug
5  xdebug support => enabled
6  IDE Key => netbeans-xdebug
7  xdebug.auto_trace => Off => Off
8  xdebug.cli_color => 0 => 0
9  xdebug.collect_assignments => Off => Off
   ....many more ...
```

You should see the values which you previously set in the ***php.ini***.

The previous verification of configuration is just for *php-cli* - php scripts which you start from terminal.

To verify XDebug config for webserver you have to restart your http server first and then verify the xdebug settings via php file which executes *phpinfo()*; function.

Netbeans XDebug configuration

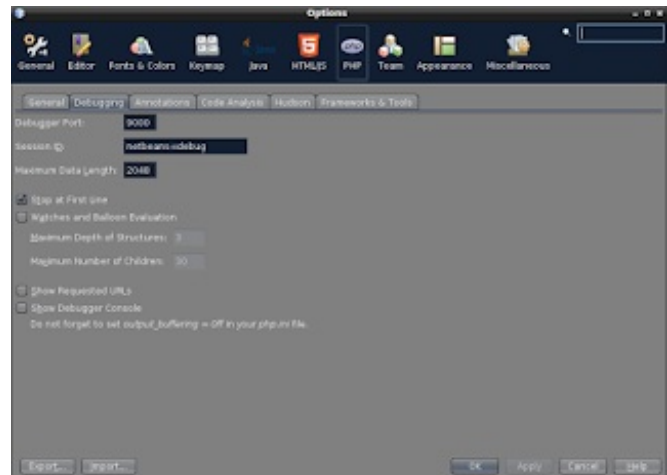
My Netbeans version: 8.1

Check settings of php debugger in

Tools -> Options -> PHP -> Debugging tab

Values here must match values in ***php.ini*** - port, ide key.

I restarted Netbeans after changing the configuration, but I'm not sure if it's needed, probably not :)



Running - debbuging

I wanted to debug just one php file so it was easy.

At first I set one breakpoint by clicking to the left next to the code. And then simply via menu **Debug -> Debug File**

And now just use **F7**, **F8** etc. and hover over variables to see their content.

That's it.

