

# Enabling Profiling with XDebug

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XDebug profiler is incorporated in the XDebug tool. Therefore you first need to download, install, and enable XDebug itself and after that enable the profiling functionality within it.

To enable profiling with XDebug, perform these general steps:

- [Configure the XDebug tool](#)
- [Enable the XDebug profiler](#)
- [Enable toggling the profiler from the browser](#)
- [Specify the location for storing accumulated profiling data](#)

## To configure XDebug

1. [Download and install the XDebug tool](#).
2. [Integrate XDebug with the PHP engine](#).
3. [Integrate XDebug with IntelliJ IDEA](#).

## To enable XDebug profiler

1. Open the [active php.ini file](#).
2. Set the `xdebug.profiler_enable` [☞](#) directive to 1:

```
xdebug.profiler_enable = 1;
```

3. To enable toggling the profiler from the browser through control over debugger cookies, set the `xdebug.profiler_enable_trigger` [☞](#) directive to 1:

```
xdebug.profiler_enable_trigger = 1;
```

## To enable toggling the profiler from the browser

- [Specify the GET/POST or COOKIE parameters](#). Do one of the following:
  - [Specify the values manually](#) [☞](#).
  - [Generate bookmarklets](#) through which you will start/stop a debugging session by controlling the debugger cookie.

## To specify the location for storing accumulated profiling data

1. Open the [active php.ini file](#).
2. Define location for accumulating profiling snapshots by specifying the `xdebug.profiler_output_dir` [☞](#) directive.

```
xdebug.profiler_output_dir = "<output folder name>"
```

3. Specify the name of the file to store snapshots in through the value of the `xdebug.trace_output_name` directive. The default name is `cachegrind.out.%p`, where `%p` is the name format specifier. Accept the default name or define a custom one in compliance with the following standard:
  1. The name should always be `cachegrind.out`.
  2. Use the [supported format specifiers](#) [☞](#).

## See Also

Procedures:

- [Enabling Profiling with Zend Debugger](#)
- [Analyzing XDebug Profiling Data](#)

#### External Links:

- <http://xdebug.org/docs/profiler#starting> 

#### Web Resources:

- [Developer Community](#) 