

# Logging configuration

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## Introduction

The current implementation includes a logging mechanism for debugging purposes in development environments, which monitors [Stash](#), introduced in [Stash-bundle](#), and the [persistence cache](#) mechanism.

Logging is enabled by default, except for the production environment to avoid excessive memory usage on production environments.

## Usage example

StashBundle logging, represented by the `stash.logging` setting, and persistence cache logging, represented by the setting `parameters.ezpublish.spi.persistence.cache.persistenceLogger.enableCallLogging`, and are both enabled by default on development environments.

Both settings expect a boolean value (`true` or `false`), so, if you desire to turn off the logging mechanism you can use the following configuration in `ezpublish_dev.yml`:

```
ezpublish_dev.yml
stash:
  logging: false
  caches:
    default:
      handlers:
        - FileSystem
      inMemory: false
      registerDoctrineAdapter: false

parameters:
  ezpublish.spi.persistence.cache.persistenceLogger.enableCallLogging: false
```

Be aware that using stash logging and persistence cache logging will require additional memory. This should be used for debugging purposes only.

## Error logging and rotation

eZ Publish uses the Monolog component to log errors, and it has a `RotatingFileHandler` that allows for file rotation.

According to their documentation, it "logs records to a file and creates one logfile per day. It will also delete files older than `$maxFiles`".

But then, their own recommendation is to use "logrotate" instead of doing the rotation in the handler as you would have better performance.

More details here:

- <https://github.com/Seldaek/monolog>
- [http://linuxcommand.org/man\\_pages/logrotate8.html](http://linuxcommand.org/man_pages/logrotate8.html)

If you decided to use Monolog's handler, it can be configured in `/ezpublish/config/config.yml`

```
monolog:
  handlers:
    main:
      type: rotating_file
      max_files: 10
      path: "%kernel.logs_dir%/%kernel.environment%.log"
      level: debug
```