balsa Documentation

Release 0.0.3

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CHAPTER 1

balsa (logging utility)

Simple to use package that sets up Python logging. With just a few lines of code get well formatted logging to the console, log file, popup windows and exception services.

Here is a short Presentation on Balsa.

CHAPTER 2

Installation

```
pip install balsa
```

CHAPTER 3

Major Features

- Simple to use. Add full-featured Python logging in just a few lines of code.
- Sane default log levels. Single *verbose* flag. (All levels can be overridden if desired.)
- Both console (stdout) and GUI (popup window) support.
- Log file support. Uses *appdirs* for log file paths.
- Sentry support. Just provide your Sentry DSN.
- Informative log message formatting (or you can change it if you like).
- Cross platform (Windows, Linux, MacOS). Pure Python.

CHAPTER 4

Simple Example

```
from balsa import get_logger, Balsa

application_name = 'example'

log = get_logger(application_name)


def main():
    balsa = Balsa(application_name, 'james abel')
    balsa.init_logger()
    log.error('my error example')
```

This will yield output of this form:

```
2018-04-15 11:25:58,507 - example - balsa_simple_example.py - 12 - main - ERROR - my␣
↪error example
```

CHAPTER 5

Releases

- 0.6 : Add rate control to popup windows. Automated GUI testing.
- 0.5 : Allow more than one logger.
- 0.3 : Initial release.

CHAPTER 6

Where did the name come from?

Balsa lumber is very soft and light, with a coarse, open grain. The Balsa package is light weight, malleable, and open source.

CHAPTER 7

Indices and tables

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