FastAPI

- FastAPI Logging

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Inspired by https://stackoverflow.com/questions/63510041/adding-python-logging-to-fastapi-endpoints-hosted-on-docker-doesnt-display-api

Set up your logger configuration

```
from pydantic import BaseModel


class LogConfig(BaseModel):
    """Logging configuration to be set for the server"""

    LOGGER_NAME: str = "mycoolapp"
    LOG_FORMAT: str = "%(levelprefix)s | %(asctime)s | %(message)s"
    LOG_LEVEL: str = "DEBUG"

    # Logging config
    version = 1
    disable_existing_loggers = False
    formatters = {
        "default": {
            "()": "uvicorn.logging.DefaultFormatter",
            "fmt": LOG_FORMAT,
            "datefmt": "%Y-%m-%d %H:%M:%S",
        },
    }
    handlers = {
        "default": {
            "formatter": "default",
            "class": "logging.StreamHandler",
            "stream": "ext://sys.stderr",
        },
    }
    loggers = {
        LOGGER_NAME: {"handlers": ["default"], "level": LOG_LEVEL},
```

```
    }
```

Import the configuration and use it:

```
from logging.config import dictConfig
import logging
from .config import LogConfig

dictConfig(LogConfig().dict())
logger = logging.getLogger("mycoolapp")

logger.info("Dummy Info")
logger.error("Dummy Error")
logger.debug("Dummy Debug")
logger.warning("Dummy Warning")
```