Type safe config parsing using Python

Python ≥ 3.8

Dustin Smith¹

¹MLOps Lead True Digital Group

Configuration Files

2 dataconf

Configuration Files

2 dataconf

Configuration files should be easy to read, allow comments, and easy deploy/use.

json



- json
- yaml

- json
- yaml
- ini

- json
- yaml
- ini
- toml

- json
- yaml
- ini
- toml
- pyhocon



The assumption here will be familiarity with json, yaml, ini, and toml. What is PyHOCON or HOCON anyways?

 HOCON is a json superset: Human-Optimized Config Object Notation.

- HOCON is a json superset: Human-Optimized Config Object Notation.
- HOCON has been available in Python for many years but isn't wildly used.

- HOCON is a json superset: Human-Optimized Config Object Notation.
- HOCON has been available in Python for many years but isn't wildly used.
- HOCON is used quite a bit in Java and Scala.

- HOCON is a json superset: Human-Optimized Config Object Notation.
- HOCON has been available in Python for many years but isn't wildly used.
- HOCON is used quite a bit in Java and Scala.
- pureconfig in Scala allows for easy, type safe configuration parsing.

Configuration Files

2 dataconf



Why use dataconf?



Configuration Files

2 dataconf



References

Links to referenced libraries.

- Demo dataconf
- dataconf
- PyHOCON
- HOCON
- pureconfig

