Serialization

Advanced Python Programming

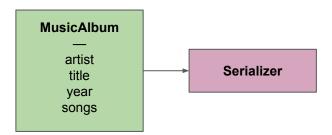
Valerio Velardo - The Sound of Al

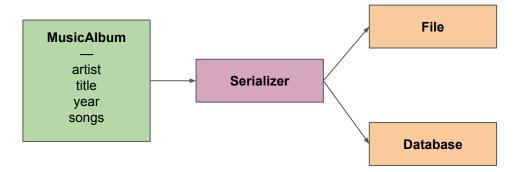
What's serialization?

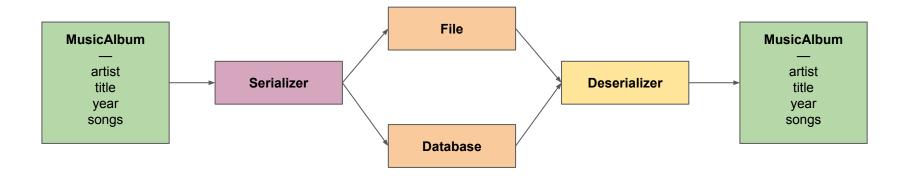
Convert a data structure into a text or binary format to store it and facilitate network transfer

MusicAlbum

artist title year songs







Serialization in Python

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Pickle

- Python module that implements binary protocols for serializing and de-serializing Python object structures
- + optimised
- can't be ported, not legible by humans

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Pickle

- Python module that implements binary protocols for serializing and de-serializing Python object structures
- + optimised
- can't be ported, not legible by humans
- Json, Yaml, csv, ...
 - Text files
 - + portable, legible by humans
 - heavy

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- Working with multiple programming languages -> Json, Yaml

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- Working with multiple programming languages -> Json, Yaml
- Legibility is fundamental -> Json, Yaml