

YAML

↳ YAML ain't Markup language.

What is a markup language?

A markup language is a computer language used to annotate text in order to provide information about the structure and formatting of the document. Markup languages are used to create documents.

that can be read by both humans and machines.

The most common languages are HTML (Hyper text Markup language), XML (Extensible Markup language) which. Markup language provides a standardized way to represent documents in a structured format that can be easily shared and processed by different systems and applications.

* YAML is a data format used to exchange data.

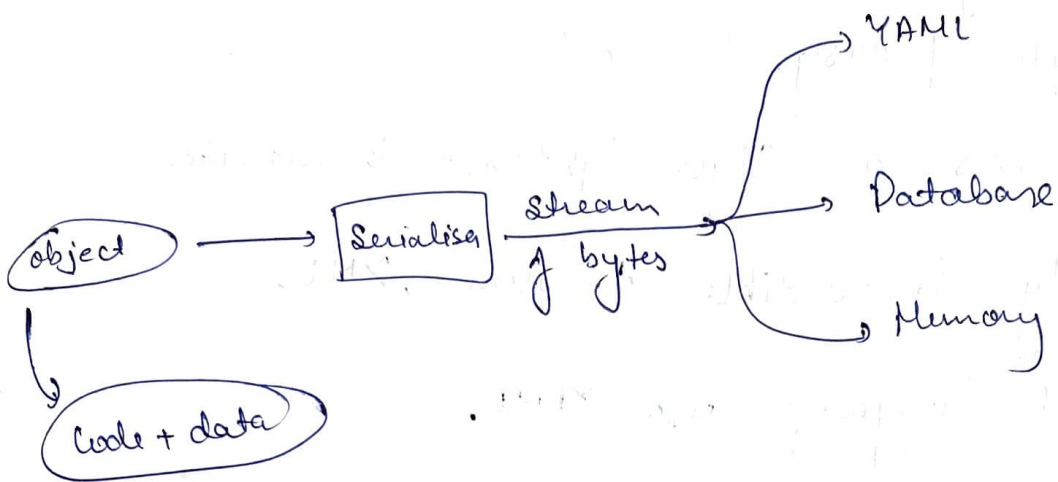
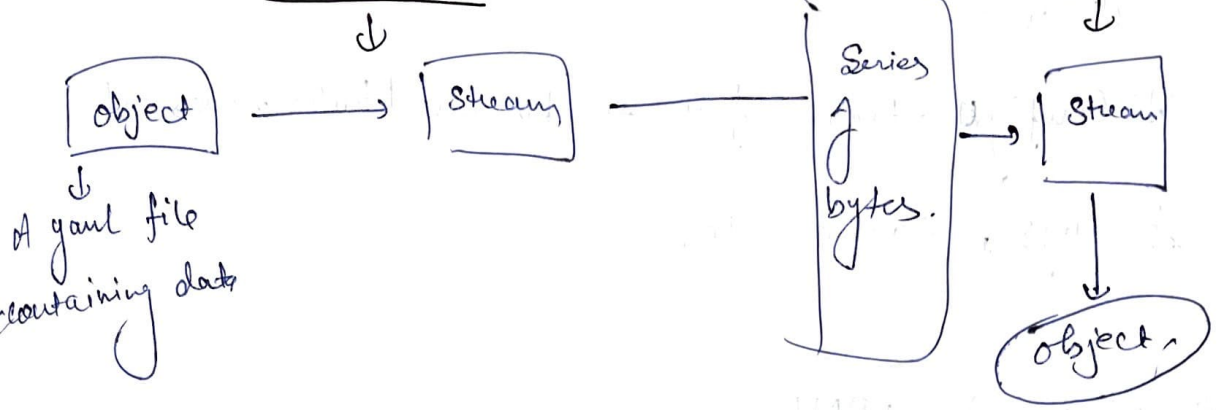
* Similar to XML and - JSON.

* In YAML, you can store only data and not commands.

Data Serialisation :-

A process of converting data objects into complex data or ~~complex~~ data stream of ~~bytes~~ storage.

Serialization



So Serialization is process of converting data objects which is a combination of code + data into ~~the~~ Series of bytes that saves the State of the object in a form that is easily transmittable. Reverse of it is deserialization.

Data Serialization are: YAML, JSON, XML.

* YAML is a data Serialization language and not an programming language.

* YAML is not a markup language because, markup stores only documents but ~~YAML~~ store documents + objects data.

Used in :-

- ★ Configuration file → Docker / Kubernetes etc
- ★ logs, cache etc.

Benefits of YAML

- ★ Simple & easy to read
- ★ It has a strict system. — Indentation
- ★ Easily convertible to JSON, XML.
- ★ Most language use YAML.
- ★ More powerful when representing complex data.
- ★ Parsers etc, various tools available.
- ★ Parsing is easy.