

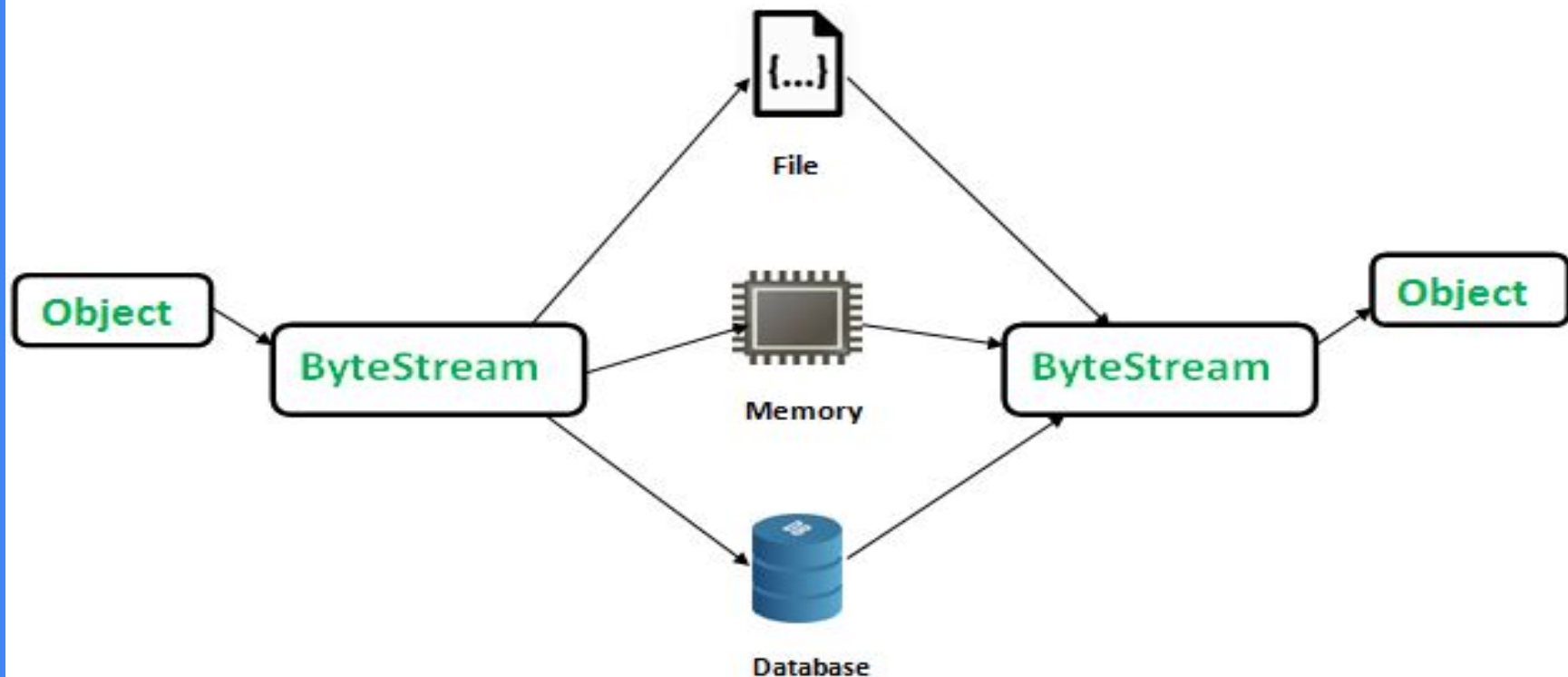
# Serialization in JAVA

Converting Objects to Byte-stream



## Serialization

## De-Serialization



# What is Serialization

Serialization is a mechanism of converting the state of an object into a byte stream.

This mechanism is used to persist the object.

# Why is Serialization important ?

To save/persist state of object:

- Store in DB
- Write on a file

To move an object across network, eg: client-server communication, sending messages etc.

# Serializable Interface

Serializable is a  
marker  
interface.

- A marker interface has no methods.
- It is used to 'mark' java classes so that objects of these classes may get certain capability/
- Examples of other marker interfaces are Cloneable, Remote etc.

