

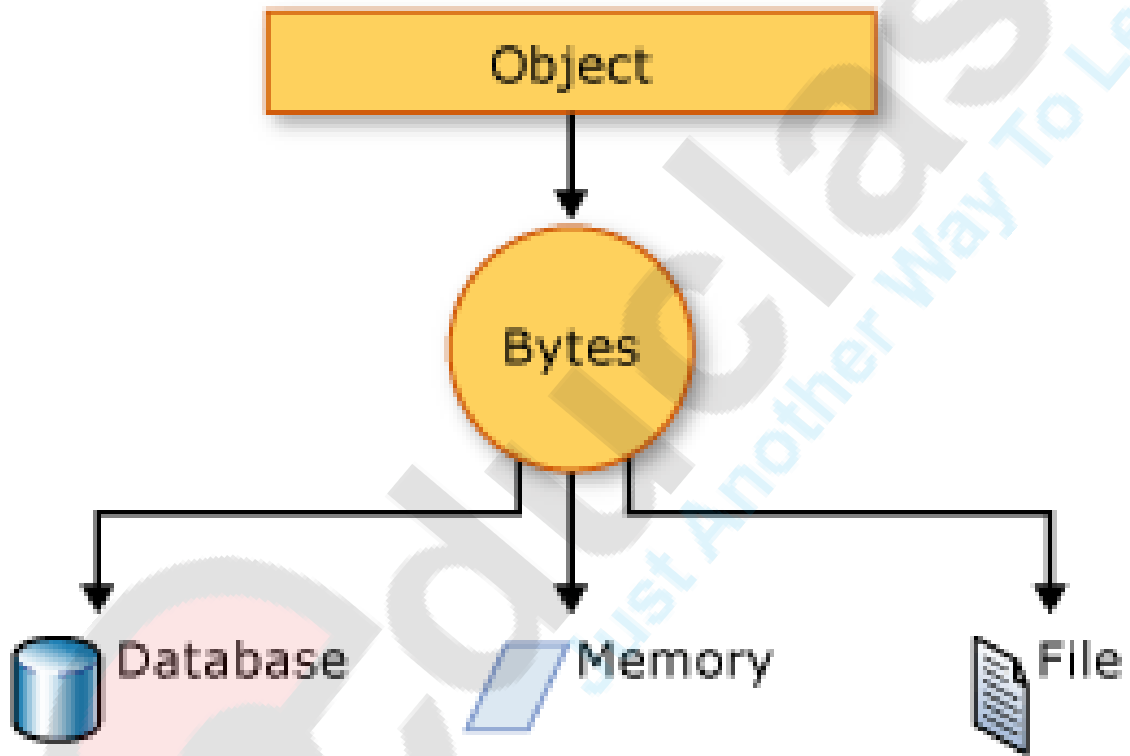
Serialization



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What is Serialization?

- Serialization is the process of converting an object into a stream of bytes in order to store the object or transmit it to memory, a database, or a file
- Its main purpose is to save the state of an object in order to be able to recreate it when needed
- The reverse process is called Deserialization



Serialization

- Through serialization, a developer can perform actions like
 - sending the object to a remote application
 - passing an object from one domain to another
 - passing an object through a firewall as an XML string
 - maintaining security or user-specific information across applications.

Serialization

- Types of Serialization
 - Binary Serialization :
 - It uses binary encoding
 - Enhanced performance
 - XML Serialization :
 - More readable code
 - Flexibility of object sharing



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