

3. Tutorial

Task 1

Get informed about the Proxy software design pattern. Create a proxy for the Calculator class from the 1st tutorial. The proxy should cache last 10 calculations and return the cached results when the new and the cached operation/operands pairs match.



Tutorial3-Task1-Template.zip

Shared on Dropbox

Task 2

Answer the following questions:

1. What is Middleware?
2. Which services are usually provided by Middleware?
3. What is a Remote Procedure Call?

Task 3

What is Marshalling?

The following project implements a scenario, in which a client requests a server with printing functionality to format and print given data. The connection is established by middleware, which in addition takes care of transfer of typed objects.

- Read the code and learn how the connection gets established
- Implement the methods `Marshall` and `Demarhsall`
- Start the two projects `Client` and `Server` and test your implementation



Tutorial3-Task3-Template.zip

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