



Shared Memory (Additional)

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Agenda

- ☐ What is it?
- ☐ Why we need?
- ☐ How to implement?
- ☐ When we use?

What is it?

- Definition

In computer programming, shared memory is a method by which program processes can exchange data more quickly than by reading and writing using the regular operating system services.

Why we need?

✓ Sample

Consider, I have two Windows stand alone GUI applications. Whenever I press a command button in the first GUI, other GUI should capture the status of the button and should display ON or OFF in the text box in it. How can I do this with the use of shared memory.

How to implement?

- Solution
 - Hook?
 - Socket?
 - SendMessage?
 - Shared Memory?
 - Etc.

Reference & Source code

- C/C++ for Win

<http://msdn.microsoft.com/en-us/library/windows/desktop/aa366551%28v=vs.85%29.aspx>

