Title (en)

INTERFACE BETWEEN A CONTROL PROCESS AND A TARGET PROCESS

Title (de)

SCHNITTSTELLE ZWISCHEN EINEM STEUERUNGSPROZESS UND EINEM ZIELPROZESS

Title (fr)

INTERFACE ENTRE UN PROCESS DE COMMANDE ET UN PROCESS CIBLE

Publication

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Abstract (en)

[origin: WO0013085A1] Indirect access and control of a target computer process from a control computer process in a multitasking computer operating system environment is described. The control process contains a dynamic linked library (DLL) file. A hook filter function is then inserted into the target process using one of the operating system commands. This forcibly maps the control process DLL into the target process memory space. The hook filter function monitors all messages from the operating system which enter the target process via its message queue. The control process places necessary arguments and data in the DLL and sends a message to the hook filter function requesting an operation within the target process. The hook filter function recognizes the message as being from the control process and that the arguments and data are in the DLL. Data may also be passed from the target process via the DLL to the control process.

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