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# kernel32.dll

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Kernel32.dll is the 32-bit [dynamic link library](#) found in the [Windows](#) operating system [kernel](#). It handles memory management, input/output operations, and [interrupts](#). When Windows boots up, kernel32.dll is loaded into a protected memory space so other applications do not take that space over.

On occasion, though, users may encounter the "invalid page fault" error.

This error occurs when a program or application tries to access kernel32.dll's protected memory space. Sometimes the error is caused by one particular program or application, and other times it is provoked by multiple files and applications.

If the problem results from running one application, then the application needs to be replaced. If the problem occurs when accessing multiple files and applications, the corruption is probably caused by faulty [hardware](#).

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