

# Wrappers (Fiber Script Execution Method)

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# What Is A Wrapper?

[Note: This is talking about wrappers for fiber script execution, this does not apply for all wrappers.]

Wrappers emulate script execution by "wrapping" your environment over fiber's environment, so your environment's metamethod will be wrapped with fiber's environment metamethod so whatever happens in your environment happens in fiber's environment.

# Why Do Wrappers Memory Leak?

Wrappers can be a good execution method, all you have to do is just code it correctly.

Wrappers will always use lot of memory and memory leak a bit because functions etc need to be wrapped and refed on both environments which means that the wrapper will use double the memory.

One thing that can be done to reduce most memory in a wrapper are making sure the stack is empty before returning a function etc, this can be done by using lua\_pop.

# Why Does Most Wrappers Crash When A Script Is Executed Many Times In A Short Time Span?

Most wrappers crash when a script is executed many times in a short time span because the wrapper gets overwhelmed while trying to emulate the script onto both environments, this can be fixed by using a task scheduler etc.