

<https://frida.re/>

FRIDA

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Dynamic instrumentation toolkit for developers, reverse-engineers, and security researchers.

Scriptable

Inject your own scripts into black box processes. Hook any function, spy on crypto APIs or trace private application code, no source code needed. Edit, hit save, and instantly see the results. All without compilation steps or program restarts.

Portable

Works on Windows, macOS, GNU/Linux, iOS, Android, and QNX. Install the Node.js bindings from [npm](#), grab a Python package from [PyPI](#), or use Frida through its [Swift bindings](#), [.NET bindings](#), [Qt/Qml bindings](#), or [C API](#). We also have a scalable [footprint](#).

Free

Frida is and will always be [free software](#) (free as in freedom). We want to empower the next generation of developer tools, and help other free software developers achieve interoperability through reverse engineering.

Battle-tested

We are proud that [NowSecure](#) is using Frida to do fast, deep analysis of mobile apps [at scale](#). Frida has a comprehensive test-suite and has gone through years of rigorous testing across a broad range of use-cases.

Advantages of Frida

- Uses REPL concept
- Read-Eval-Print-Loop
- Scriptable
- Runtime tracing of:
 - Classes
 - Methods
 - Parameters
 - Return values

