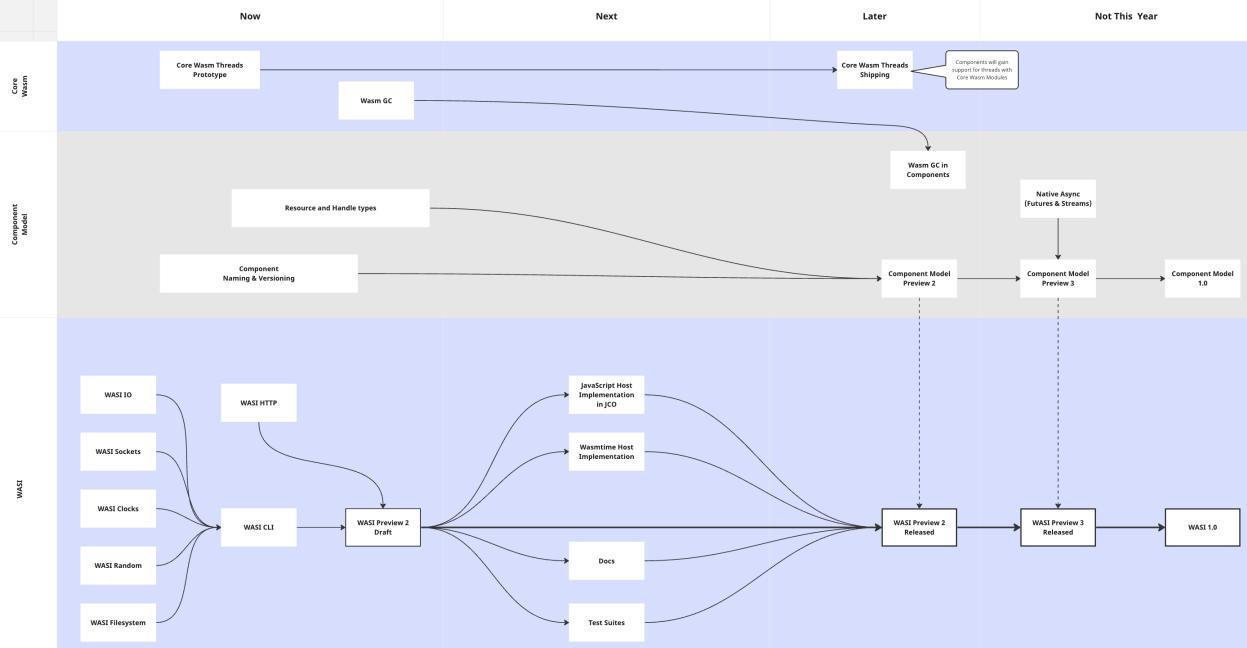
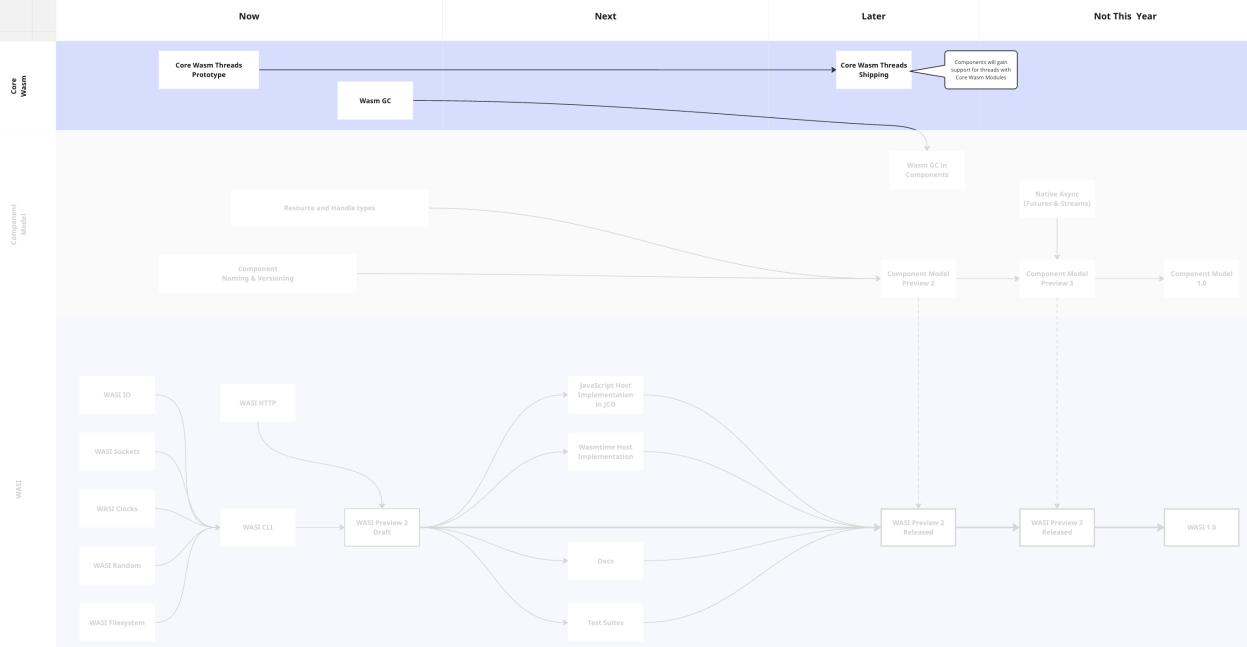
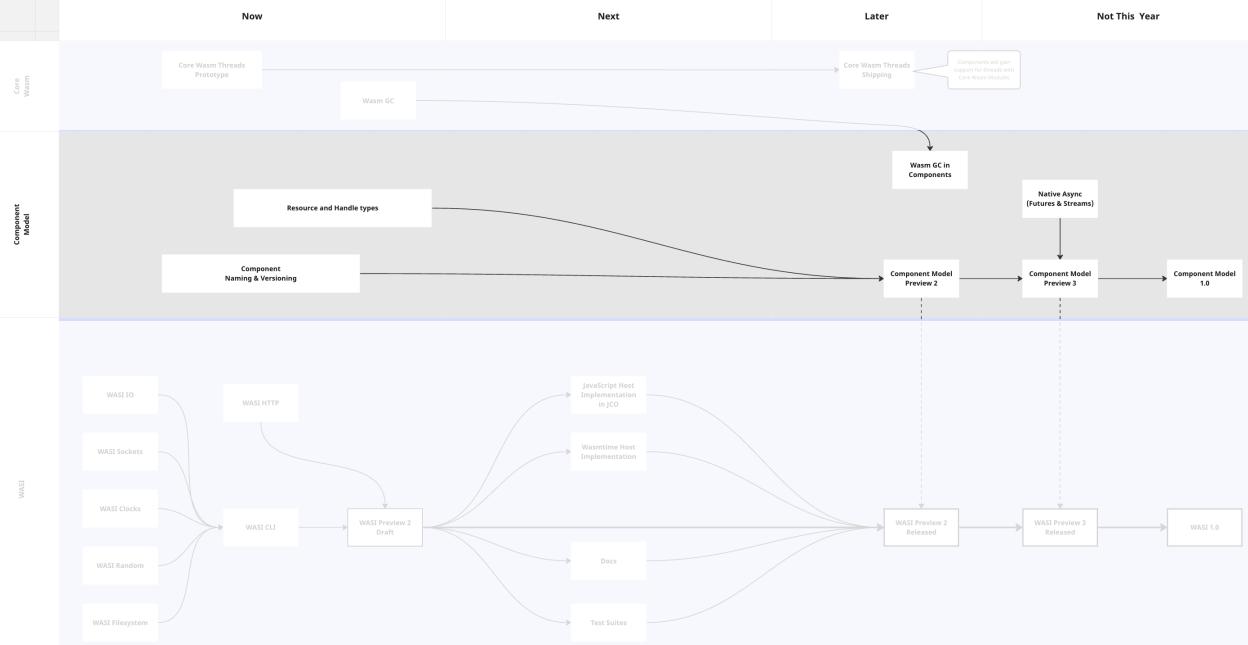
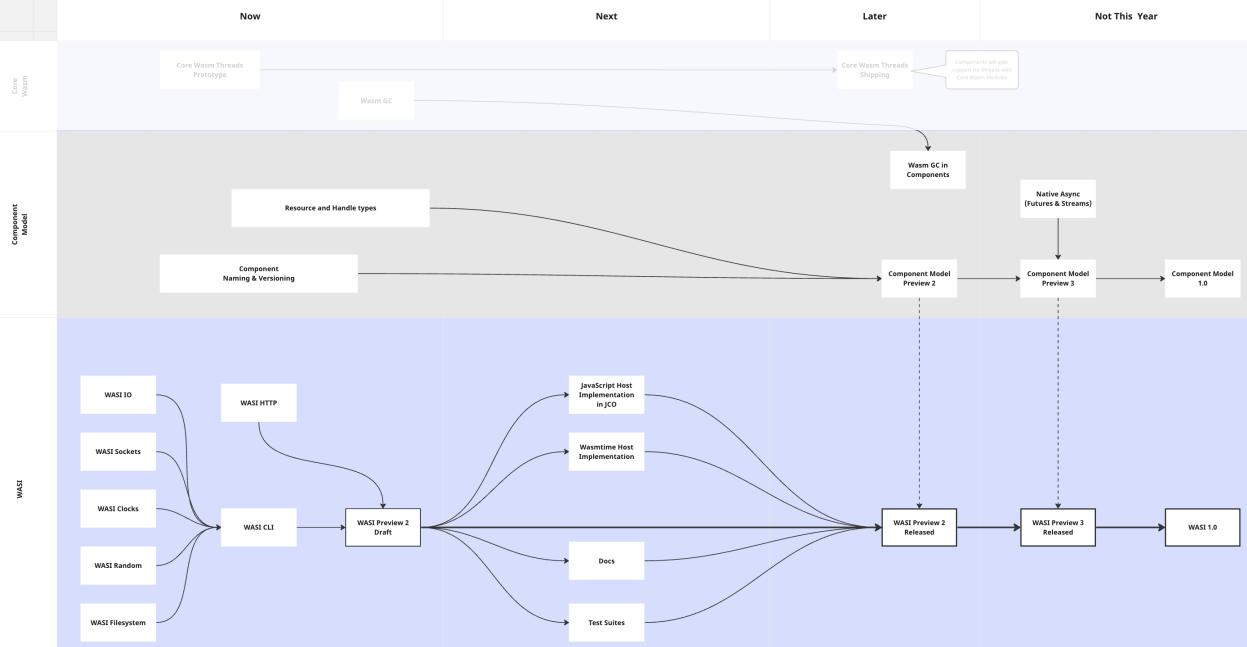
# WASI PREVIEW 2

- We talked about WASI and Preview 1
- Preview 2!
- WASI allows nested virtualization
- Towards a WASI 1.0

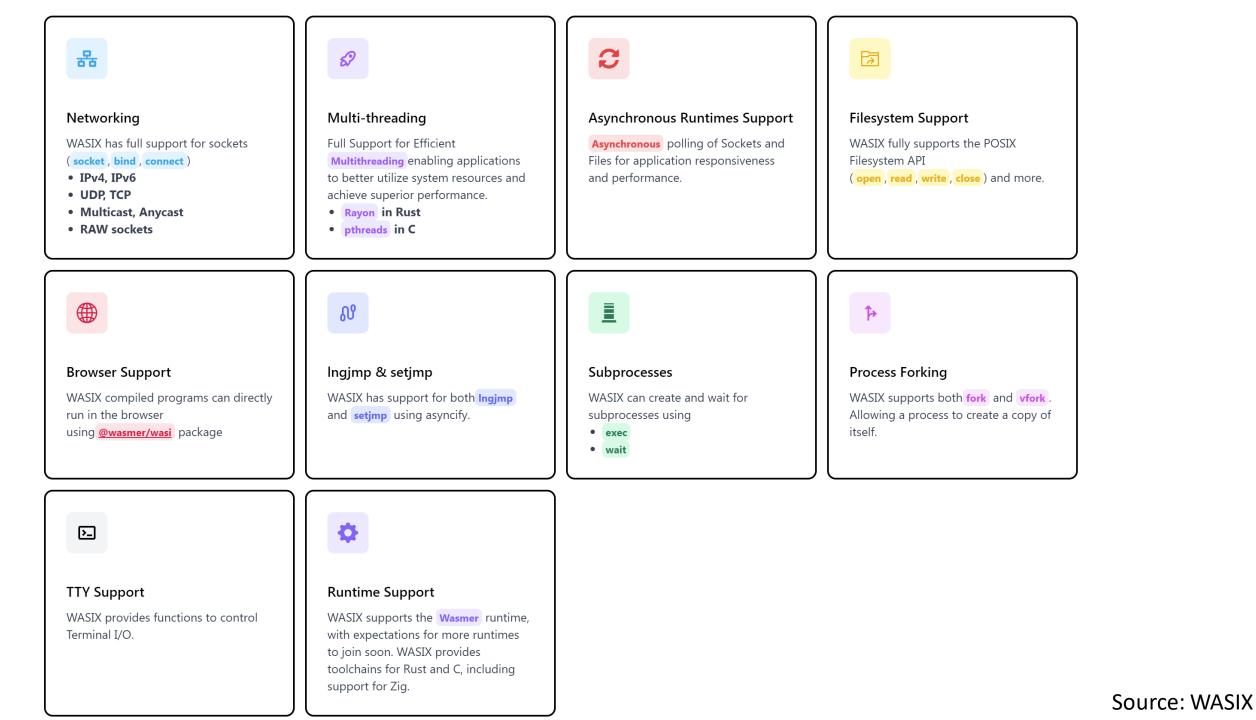












Networking   WASIX has full support for sockets   (socket , bind , connect )   • IPv4, IPv6   • UDP, TCP   • Multicast, Anycast   • RAW sockets	Multi-threading Full Support for Efficient Multithreading enabling applications to better utilize system resources and achieve superior performance. • Rayon in Rust • pthreads in C	Asynchronous Runtimes Support Asynchronous polling of Sockets and Files for application responsiveness and performance.	<b>Filesystem Support</b> WASIX fully supports the POSIX Filesystem API ( <b>open</b> , <b>read</b> , <b>write</b> , <b>close</b> ) and more.
<b>Browser Support</b> WASIX compiled programs can directly run in the browser using <u>@wasmer/wasi</u> package	<b>ດ</b> ິ <b>Ingjmp &amp; setjmp</b> WASIX has support for both <b>Ingjmp</b> and <b>setjmp</b> using asyncify.	Subprocesses WASIX can create and wait for subprocesses using • exec • wait	Process Forking   WASIX supports both fork and vfork.   Allowing a process to create a copy of itself.
TTY Support WASIX provides functions to control Terminal I/O.	<b>Runtime Support</b> WASIX supports the <b>Wasmer</b> runtime, with expectations for more runtimes to join soon. WASIX provides toolchains for Rust and C, including support for Zig.		

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