



INTER-OPERABILITY MADE EASY



MapuSoft is the global leader in software interoperability & reusability solutions that provide freedom, protection and stability to embedded applications





FREEDOM

Don't confine your
code to one platform



PROTECTION

Protect software
investment



STABILITY

Robust and
optimized platform



MAPUSOFT





Linux Optimization Kit

- Many developers need to get a performance increase from their Linux OS
- Linux OK allows users to achieve higher performance without making changes to the kernel
- Enhanced performance is provided through OS Abtractor target specific module
- Included Linux/POSIX Interface provides better coverage and portability
 - Ability to have one code base for multiple POSIX variants
- Provides header files and template code to re-direct the application to use the Linux OK interfaces



Linux Optimization Kit

- Generates optimized interface code, based on the application's API usage, and according to GUI settings input by the user
- Reduces run-time creation and deletion of OS resources by pooling and reusing them across applications/processes
- Reduces unnecessary task and user/kernel mode switching
- Enhances Linux application performance
 - Statically create and reuse OS resource control blocks across one or more applications
 - Statically create and reuse threads from pool
 - Enhance performance without breaking Linux API compliance or modifying your application
 - GUI to configure target environment and resource requirements for various Linux kernel versions and variants (32/64 bit; SMP/UP systems)

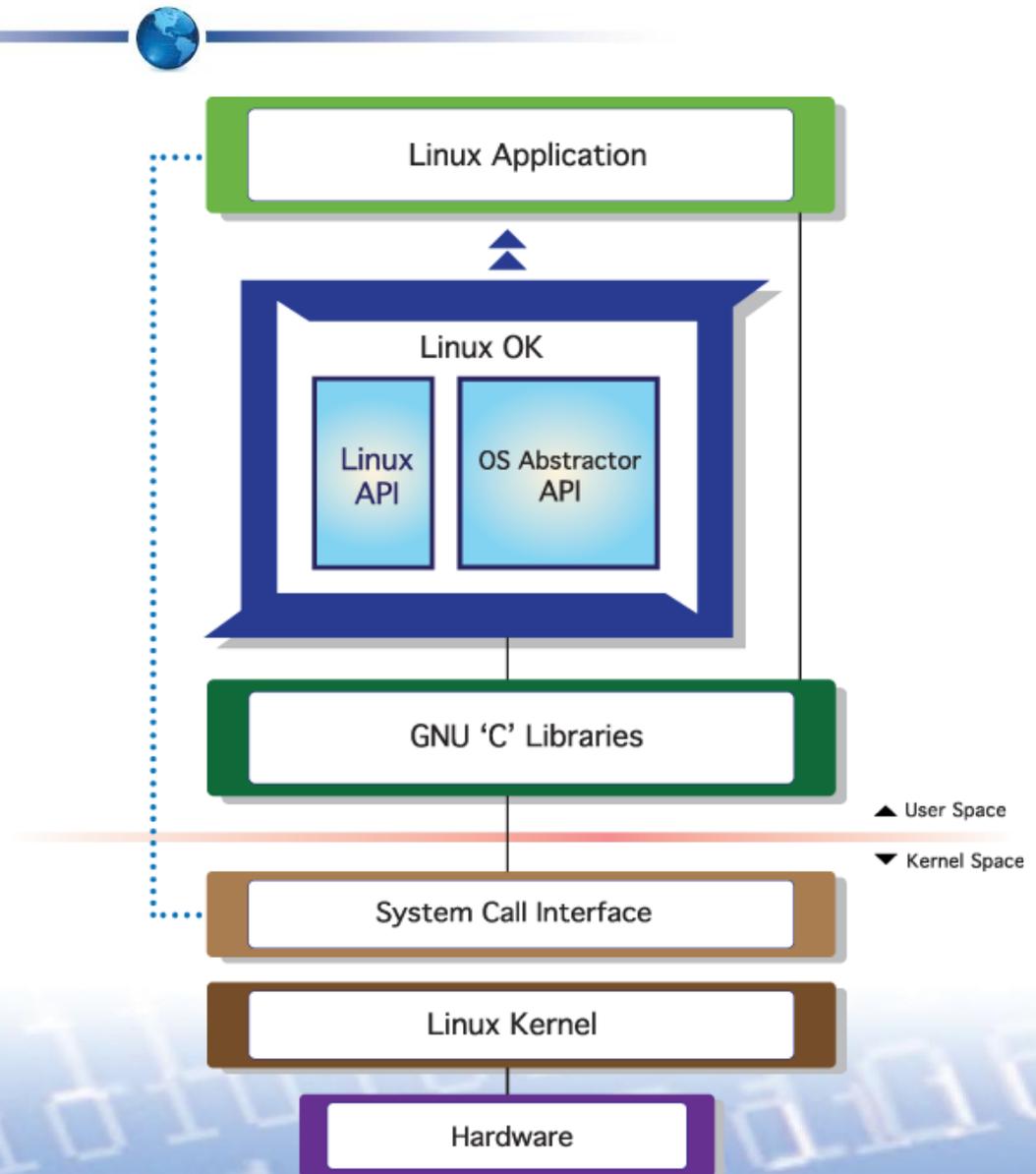


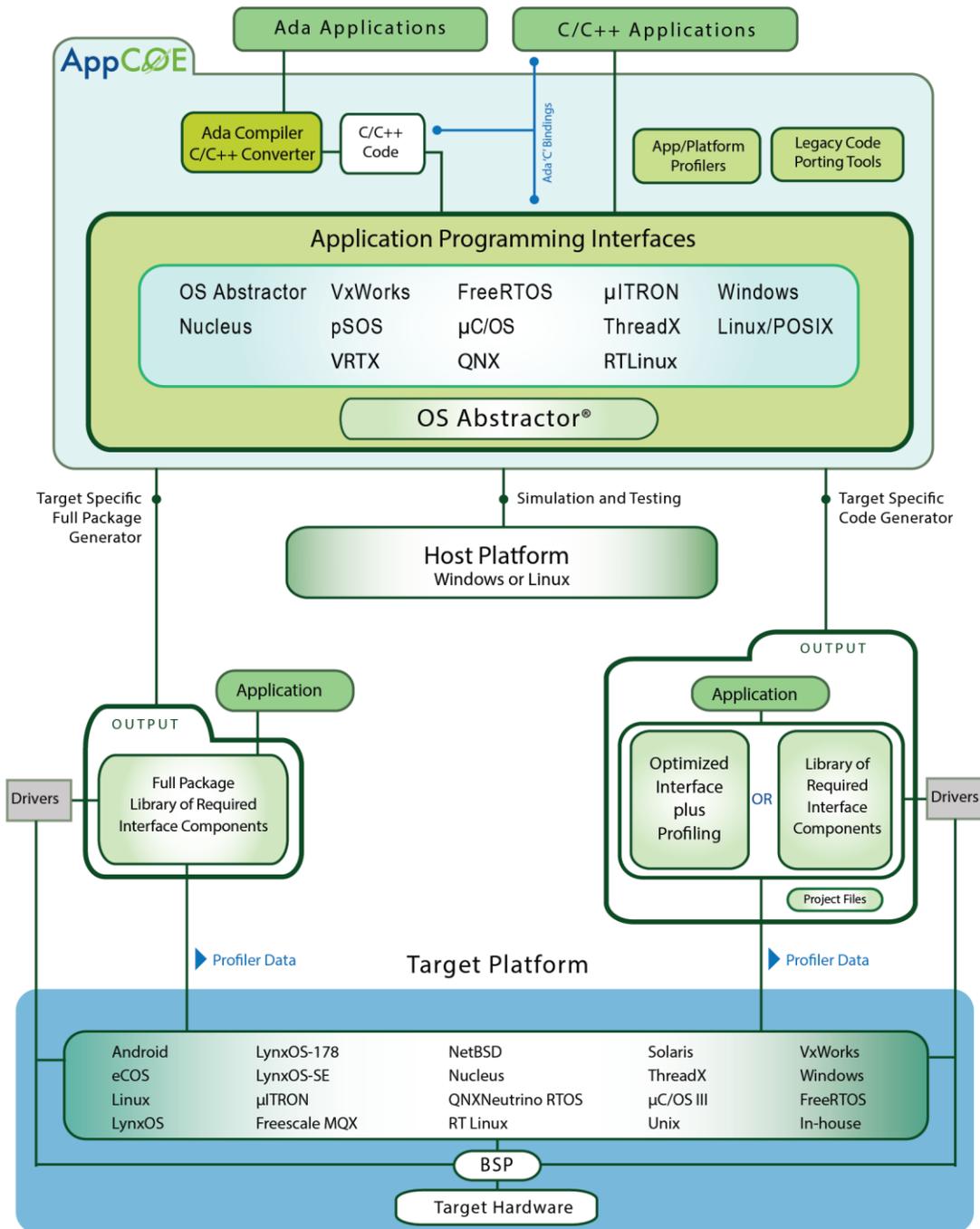
Linux Optimization Kit

- OS Abtractor Interface for advanced features
 - Tiered memory pools to eliminate memory fragmentation
 - Shared memory pool to eliminate data copy across applications
 - Automatically recover from software fatal errors through a soft reset
 - Use the same Interface for inter-process communication within and across individual application processes
- Scalability and Optimization specific to your application
 - Profiler to identify performance bottlenecks and level of API usage so that specific optimizations can be made
 - Generate project files for your target

LinuxOK[®] Optimization Kit

Increase performance and stability of Linux Applications





AppCOE™
 Application Common
 Operating Environment