

MAPUSOFT'S SOLUTION FOR EDUCATION

MapuSoft Technologies Embedded Academic Program (M.T.E.A.P.)

The MapuSoft Technologies Embedded Academic Program (M.T.E.A.P.) strives to provide faculty and students with the design tools necessary to keep up with today's rapidly changing technology. With M.T.E.A.P. implemented at your institution, students have the opportunity learn cross-OS development. Our products give a real-world view of embedded systems development for the future.

With MapuSoft You Can...

- Expand the students' learning range of operating systems
- Open a greater number of job opportunities that use different operating systems
- Reduce the learning curve on different operating systems and versions
- Eliminate OS dependency of university applications

OS Abstractor - Write Portable Code

- Provides a standardized OS interface
- Using standard APIs reduces the learning curve of a new OS
- Provides both common commercial and POSIX API sets
- Develop highly re-usable software while utilizing open source components or other low cost alternatives

OS Changer - Recycle Your Code

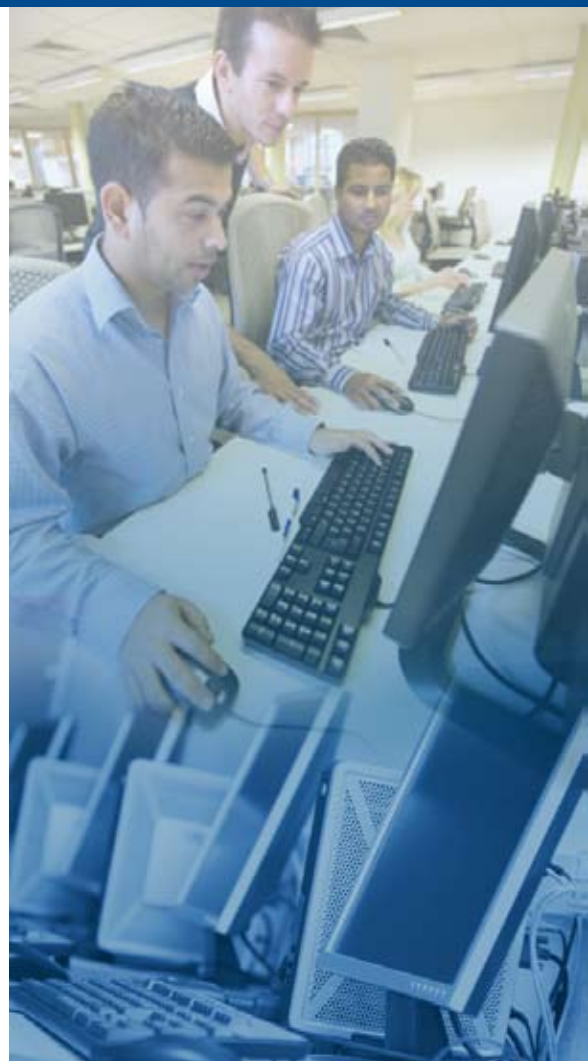
- Port applications to a new OS easily and quickly to compare operating systems
- Easily change your OS to move to different hardware
- Easily update your OS to the most widely used in the industry

OS PAL (OS Porting and Abstraction Lab) - Eclipse-based Code Migration and Optimization

- Develop, run and debug code on a readily available, low cost Windows or Linux host computer with an Eclipse based IDE
- Develop using BASE OS Abstractor, pSOS, VxWorks, Nucleus or POSIX APIs
- OS PAL's code generator uses OS Changer and OS Abstractor to generate application code for many different operating systems and versions
- Generate project files for many different IDEs



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