



ALACRON

Fastseries Library (FASTLIB)

The FastSeries Library (FastLib) forms the code basis for the advanced libraries such as FOIL and the compression and machine vision application libraries for the imaging and machine vision. The supported O/S 's are Windows (NY/2K/XP), Linux and Solaris. The supported processors are the X86 compatible processors, Philips Nexperia Family (based on TriMedia), and the PowerPC family. The functions are listed in the categories below.

- Real Vector Functions
- Complex Vector Functions
- Signal Processing Functions
- Image Processing Functions
- Matrix Functions

- Arithmetic Functions
- Logical Functions
- Lookup/Histogram
- Conversions
- Convolutions and Filters
- Fourier Transforms
- Translation, Scaling, and Initialization
- File I/O Functions

