To-Do List as of December 14, 2003

(Tasks are sorted by priority, with the highest-priority task listed first.)

* (Investigation) Implement the example Web Service described in the “Programming C#” book.
* (Investigation) Implement an auto-equalize effect as a C# Web Service.
* (New Feature) Import RLE-compressed Windows BMP files
* (Investigation, New Feature) Read documentation about the PSD file format
* (Investigation, New Feature) Read documentation about the PDF file format
* (New Feature) Extract the thumbnail resource from PSD files
* (Investigation, New Feature) Can a GIF file be greyscale (without a palette)? If so, support it.
* (New Feature) Support GIF transparency
* (New Feature) Support GIF animations
* (New Feature) Support GIF files with bits per pixel other than 8
* (New Feature) Harvest appropriate metadata from tags in TIFF files (and others)
* (New Feature) Support TIFF files with bits per sample other than 8
* (New Feature) Support PNG files with bits per sample other than 8
* (New Feature) Export PNG files
* (New Feature) Export Windows BMP files
* (Optimization) Use a hash table to speed up LZW compression
* (Investigation) Further exploration of peer-to-peer technologies
* (Refactoring) Re-create Helix as a CryptoLib and a simple front-end
* (Refactoring) Move file I/O components into the UtilLib
* (New Component) Implement (or borrow) a colour management engine
* (Code Ownership) Implement our own JPEG filter
* (Code Ownership) Implement our own ZLIB in the CodecLib
* (New Feature) Implement bicubic resampling
* (New Feature) Implement spline-based resampling
* (New Feature) Implement windowed-sync-function resampling