Subject: New packages announcement
Posted by koldo on Sat, 13 Jun 2009 22:49:45 GMT

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Hello all

This is just to inform you that I am working in three new packages for Bazaar, all three running in Linux and Windows (MinGW and MSC), using libraries with licenses compatible with BSD (Upp) and to be released this year:

- Tcc
Tcc (http://bellard.org/tcc/) is a C compiler so small and fast to compile that can be used as an scripting language.
The package is ready in an 80% and complies with LGPL license also for MSC.

- Matrix algebra and numerical methods
It uses BLAS and LAPACK matrix library through ATLAS, so it is LGPL compatible and just as fast as Matlab (tenths of times faster than pure C or Fortran!!). For you to know BLAS and LAPACK are for matrix algebra and linear equations solving like OpenGL or DirectX for graphics.

- Image analysis
Package focused to machine analysis and recognition more than to picture improvement (but also including functions for that).

If anybody is working on some of them and wants to join efforts or simply wants some capability just post it.

Best regards
Koldo