

Coding Examples

Written by Harris Georgiou

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- **AI:** Lisp examples [download: [zip](#)]
- **Cmpmath:** Arithmetic analysis examples (Cholesky, Gauss_js, rkf45) in Fortran [download: [zip](#)]
- **Nanopas:** Simple compiler implementation using flex/lex and bison/yacc tools [download: [zip](#)]
- **Datastruct:** Four simple programs in Pascal (Huffman trees, knight's problem, etc) [download: [zip](#)]
- **Dijkstra:** Simple implementation of the standard routing algorithm in C and Matlab [download: [zip](#)]
- **Graphics:** Drawing primitives in C [download: [zip](#)]
- **Logicprog:** Simple programs in Prolog for solving popular logic problems (wolf-sheep-farmer, etc) [download: [zip](#)]
- **Optimiz:** Fortran implementations of various arithmetic algorithms (minimization, regression, etc) [download: [zip](#)]
- **Patrec:** Simple pattern classifiers in C/C++ [download: [zip](#)]
- **MiniSQL:** Implementation of a simple RDBMS backbone in C/C++ [download: [zip](#)]
- **bindiff:** Simple program in C++ for testing binary files differences [download: [zip](#)]
- **binedit:** Simple program in C++ for editing binary files [download: [zip](#)]
- **fincalc:** Financial calculations in C++ [download: [zip](#)]
- **Lights:** Interior lights calculation in Pascal [download: [zip](#)]
- **OTPEngine:** Random pool generator for OTP (seed) use in Java [download: [zip](#)]
- **Plan3D:** 3-D sectional plot from grid raw data in Matlab [download: [zip](#)]
- **FuncCalc:** Arithmetic analysis algorithms in C/C++ [download: [zip](#)]
- **BaseArrs:** Basic Array class implementation in C++ [download: [zip](#)]
- **BaseList:** Basic List class implementation in C++ [download: [zip](#)]
- **Hash:** Basic Hash class implementation in C++ [download: [zip](#)]
- **Excepts:** Exception handling wrappers for C and C++ support [download: [zip](#)]
- **SysInfo32:** Platform features detection for win32 [download: [zip](#)]
- **SysMon:** System resources monitor for win32 [download: [zip](#)]
- **TextEdit:** Template project for text editors in win32 [download: [zip](#)]

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- **Win32gen**: Template project for Windows SDK-based programs [download: [zip](#)]
- **ANNclass**: ANN framework in C++ [download: [zip](#)]
- **ANSI**: ANSI control codes for VT100 terminals [download: [zip](#)]
- **BFanal**: Binary file analysis using C [download: [zip](#)]
- **BigNum**: Basic BigNum support using strings in C++ [download: [zip](#)]
- **C/misc**: Various C programs for common mathematical functions [download: [zip](#)]
- **CBuff**: Simple cache buffer framework using C/C++ [download: [zip](#)]
- **CardsLoans**: Calculate debts for credit cards and loans using C [download: [zip](#)]
- **C++/misc**: Various C++ programs and functions [download: [zip](#)]
- **CpuSpeed**: Very simple CPU benchmarking using C++ timers [download: [zip](#)]
- **Dates**: Date calculations using C [download: [zip](#)]
- **DStructs**: Basic data structures in C (hashtable, queue, list) [download: [zip](#)]
- **DView**: Plot any X-Y data in text-mode using plain C [download: [zip](#)]
- **Filelink**: Link together text or binary files using C [download: [zip](#)]
- **Fourier**: Fourier transformation for X-Y series using Pascal [download: [zip](#)]
- **CC/primes**: Prime numbers generation using C with 'bcc' and 'gcc' compilers [download:

[zip](#)

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- **HDlock**: Basic hard-disk serialization library for program locks [download: [zip](#)]
- **Lotto**: Calculate combinations and winning columns using C [download: [zip](#)]
- **Matrix**: Basic Vector and Matrix classes in C++ [download: [zip](#)]
- **MemBuff**: Memory buffers in Pascal [download: [zip](#)]
- **Primes**: Simple prime number generation in C [download: [zip](#)]
- **Unix2DOS**: Convert Unix to DOS text files using Pascal [download: [zip](#)]
- **VMpool**: Virtual Memory Pool framework for pagefile-like memory buffers in C/C++ [download: [zip](#)]
- **WinClass**: Text-based GUI for DOS programs using C++ [download: [zip](#)]
- **ROT-x**: Monoalphabetic shift-key (ROT) tiny cipher in ANSI C [download: [zip](#)]

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