This page is in development. When completed this will be a collection library functions related to these three main groups of data, namely: cstrings, integers of various sizes, and floating point numbers of various sizes. Each function in this group will be licensed by LGPL3.0 open source license and may be re-used freely in application programs.

The projection is that this group of library functions will include the following;

char * doubletoa(double);

char * doubletol(double);

long length(char [ ]);

long atolong(char [ ]);

bool isdecimaldigit(char c);

bool iswhitespace(char c);

bool isfloat(char [ ]);

The C language library <ctype.h> includes these functions in its collection.

int isdigit(char); //Is the parameter a decimal digit?

int isspace(char); //Is the parameter one of the six recognized white space characters?

The C language library <stdlib.h> includes these functions in its collection.

double atof(const char* s);

int atoi(const char* s);

long atol(const char* s);

bool isfloat(char [ ]); Checks the parameter for capability to be converted to floating point number of size 32 or 64 bits.

long atolong(char [ ]); Convert the parameter string to the corresponding signed long integer