Welcome

This a Netwide Assembler work to recreate (and re-interpret) some of the core c libraries with NASM

This work started as learning NASM. I hope it can help me to understand basics of assembly language and inspire others who wants to learn NASM or any other assembly language.

Folder Structure

tools

Basically whole system is created around my working environment but it does not constitute an obstacle.

There is only one thing you need to modify the **lib_path** in **/tools/basm.bash** and **/tools/makelib.bash** file. it is default by **$HOME/assembly/lib** but you can change to anywhere just these tools needs to know where it is.

There is a separate **readme.md** file in tools check it out.

lib

library folder to contain all object files

source

Source is containing whole source code of this project. All object files in lib is assembled from here.

Source has 3 sub folder

standard: standard contains standard C Library files.

extended: extended contains extended C Library files. all extended procedures has '_x' suffix in them and they are all has som extended features.

new: new contains new procedure files designed by me. there are some useful procedures in it.

learning

some of my notes

workspace

There are some other simple programs like argument reading and echo. it is mostly containing early stages of my learning.

examples

example usage of some libraries