

Interactive Systems Coursework 1 Report

date.c and tldlist.c output as intended with small.txt, large.txt and the example log given in part 1 of the Specification (Requirements). The TLD List is implemented as a Binary Search Tree with recursive insertion and deallocation using additional static methods, while the TLD Iterator struct just uses a single pointer to the current node in the BST and a flag whether the node is the first one in the iteration or not (the whole work is done by the tldlist_iter_next method). There is also error handling in both date.c and tldlist.c, while also making sure that the top-level domains are case-insensitive.