Matthew Bennett Huffman Encoder/Decoder

Implementation

I used the my own thought abstracted from the the notes in class. Except for phase three of the encoder. I used the pseudo code that was given from the http://www.diku.dk/~jyrki/Paper/WADS95.pdf. I implemented this in groovy (more syntactic sugar than Java), but I gave an runnable jar for you to use as shown in the readme file.

Efficiency

I was seeing a decent amount of compression ranging from 50% - 70% of the original file size for text files. When compressing PDFs and gifs I found there was maybe a 95% - 80% of the original file size.