

Draft 0 - Paper Version 1

0. Layout

Content

- Comparing some of the traditional sorting algorithms (Bubble, Selection, Merge,...) to their enhanced versions (Enhanced Bubble, Enhanced Selection) and some of the novel ones (Cocktail, Counting, List).

Structure

- Abstract
- Introduction
 - About sorting algorithms.
 - Their variations.
- Methodology
- Language (pick 1):
 - Python
 - C++
- Number of elements: 500k-1 million
- Objective: Sort from smallest to largest
- Scenarios:
 - Full random
 - Partially sorted
 - Already sorted in reverse order
- Compare between traditional algos
- Enhanced versions vs. traditional algos
- New ones.
- Explain Cocktail, Counting, List in detail
- Comparing Cocktail with 2 above
- Comparing Counting with 2 above
- Comparing List with 2 above

1. Abstract