

Main - Overall Complexity:  $O(n^2 + n^2 + n + n)$  This class/file runs 5 different methods with varying complexities, with their various breakdowns listed below and a further delve into their constitution listed in their respective document.

Broken Down:

Read -  $O(1)$

Length -  $O(1)$

Uniques -  $O(n^2 + n)$

Sp -  $O(n^2)$

Filewriter -  $O(n)$