End-of-Line Whitespace Trimming

Rules

1. Strictly practice TDD
   a. Follow the: Red-Green-Refactor cycle
   b. Stop and read your code before refactoring.
2. Practice wishful coding
   a. Do not write any production code until you have a failing test.
   b. Or compilation failures to drive the need to implement the method.

The Kata

When editing text files often times one ends up putting extra spaces and tabs at the end of each line.
Develop a simple algorithm to remove these extra characters.
It shall take an input string and produce a right-trimmed output string.

<u>Examples</u>
"abc" -> "abc"
"abc " -> "abc"
"abc\t" -> "abc"
" abc" -> " abc" (does not remove beginning whitespace)
"ab\r\n cd \r\n" -> "ab\r\ncd\r\n" (removes whitespace at end of second line)
"\r\n" -> "\r\n"

Hints

Be sure to handle both Windows \r\n and Unix line endings \n