Technical document for File Name Validator

Potential Problems:

Case 1: (solved)

File doesn’t exit, or the given location is a folder.

Case 2: (solved)

There are spaces before or after the input location string.

Case 3: (solved)

The file doesn’t have extension. Add test file “csv”.

Case 4: (solved)

There are more than one dots in the file name. Add test file “abc.tar.gz” and “abc.tar.csv”

Case 5:

The file name is less than 3 parts. E.g. Test\_A.csv.

Case 6:

The file name is more than 4 parts. E.g. Test\_A\_07121987\_01\_aaa.csv.

Technical problems and solution:

1. String.split(“.”) doesn’t work

Solution: <https://stackoverflow.com/questions/14833008/java-string-split-with-dot>

The splitting on the regex . means "any character".

The correct format: String.split(“\\.”);