Package : fileprocessing

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Class : DirectoryProcessor

field :   ArrayList <File>   files

field :   ArrayList <FileCommand> commandsList

constructor : DirectoryProcessor (File source Path, File comandFile)

methods : main (String[] args)   void

Class : Exception
(Java class)

△

Class : DirectoryProcessorException

constructor : DirectoryProcessorException ()

constructor : DirectoryProcessorException (
   String msg)

constructor : DirectoryProcessorException
   (msg String msg , Throwable cause)

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Package: filecommands

Class: CommandReader

~~method:~~
Constructor :   CommandReader ()

method: read (ArrayList <String> userInput)   ArrayList <fileCommand>

Class: DirectoryProcessorException
(See page 1)

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Class: CommandReaderEx
Constructor: CommandReaderEx()
Constructer: CommandReaderEx(String msg)
Constructor: CommandReaderEx(String msg, Throwable cause)

Class: FileCommand

field: ArrayList <String> warningLog
field : FileFilter filter
field : FileSorter sorter

Constructor: FileCommand()

method: makeWarning (String Warning)   void

method: execute (ArrayList <File> files)   void

Class: ReaderSorterEx
Constructor : ReaderSorterEx()
Constructor : ReaderSorterEx (String msg)

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Package : Filters

Class: CommandReader Ex
↑
Class: General Filter Ex
constructor: GeneralFilter Ex (String msg)

Abstract Class: GeneralFileFilter

field: boolean reverse

abstract method: doFilter(ArrayList<File> files) ArrayList<File>

(※) (All classes bellow extend GeneralFileFilter)

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class: AllFilter

constructor AllFilter(boolean reverse)

method: filter doFilter

(ArrayList<File> files)

ArrayList<file>

Class: BetweenFilter

constructor: BetweenFilter (double

min, max, boolean reverse)

method: doFilter()

Class: containsFilter

Constructor: contains

Filter(string name,

boolean reverse)

method: doFilter()

Class: ExecutableFilter

constructor: ExecutableFilter

(string str, boolean reverse)

method: doFilter()

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class: GreaterFilter

constructor: GreaterFilter

(double size, boolean reverse)

method: doFilter

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class: HiddenFilter

constructor()

method: doFilter

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class: NameFilter

constructor(...)

method doFilter

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class: PrefixFilter

constructor(...)

method: doFilter

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class: SmallerFilter

constructor (...)

method: doFilter

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class: SuffixFilter

constructor(...)
method: doFilter

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class: WritableFilter

constructor(...)
method: doFilter

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Package: Sorters

Class: FileNameCompare implements Comparator<File>

field: boolean rerearse

constructor: FileNameCompare (boolean rerearse)

method: compare (File f1, File f2)   int

class: SizeCompare implements Comparator<File>

field: boolean rerearse

constructor Size compare (boolean rerearse)

method: compare(...)   int

class: TypeCompare

field: boolean rerearse

constructor (boolean rerearse)

method: compare(...)

Class: FileSorting

field: comparator<File> sorter

constructor(sorter)

method: sort(ArrayList<File> files)   ArrayList<File>