

GetConsolidatedFormatStrings(*strArr*) <function>

Use this function to get a list of format strings that represents all filenames in a condensed manner. Returns a list of strings.

Example:

```
let consolidator = require('filename-consolidator');  
let strArr = [ 'aaa.js', 'bbb.js', 'blah.txt' ];  
let formatStrings = consolidator.GetConsolidatedFormatStrings(strArr);
```

formatStrings contains: '[3s].js', 'blah.txt'

NOTE:

<number> → Number of characters

s → denotes a combination of alpha and numeric characters

n → denotes numeric characters only

[<number>**s**] represents a mix of alpha and numeric characters.

[<number>**n**] represents numeric characters only.

** If a format string does not have a '[<number>(n|s)]' part, it means it is unique.

GetFileNamesAssociatedWith(*filenameList*, *consolidatedString*)

<function>

Use this function to filter out filenames that do not match the consolidated format string.
Returns a list of filenames that match the specified format.

Example:

```
let consolidator = require('filename-consolidator');  
let filenameList = [ 'aaa.js', 'bbb.js', 'cc4.js', 'blah.txt' ];  
let consolidatedString = '[3s].js';  
let filenames = consolidator.GetFileNamesAssociatedWith(filenameList,  
                                                         consolidatedString);
```

filenames contains: 'aaa.js', 'bbb.js', 'cc4.js'

NOTE: These strings were included because all these strings are the same length, end in '.js', and contain a combination of alpha and numeric characters.

GetFileNamesUsingFormatString(*dirPath*, *consolidatedString*)

<function>

Use this function to retrieve any filenames that are found in the specified directory that also match the consolidate format string. Returns a Promise with a list of filenames.

Example:

```
let consolidator = require('filename-consolidator');
```

```
let dirPath = '/path/to/dir';
```

Assume directory contains the following files:

'aaa.js', 'bbb.js', 'cc4.js', 'config.json', 'stuff.json'

```
let consolidatedString = '[6s].json';
```

```
let filenames = consolidator.GetFileNamesUsingFormatString(dirPath,  
                                                            consolidatedString);
```

filenames contains: 'config.json'

NOTE: 'config.json' was the only filename included in the results because all the other filenames did not meet the following criteria: contain six alphanumeric characters AND end in '.json'.