

Code and Data Manipulation

Sublime Text, Excel, etc

- [Find and Replace with Regex](#)
- [Find Data in Cell](#)
- [Count Unique Values in Spreadsheet](#)

Find and Replace with Regex

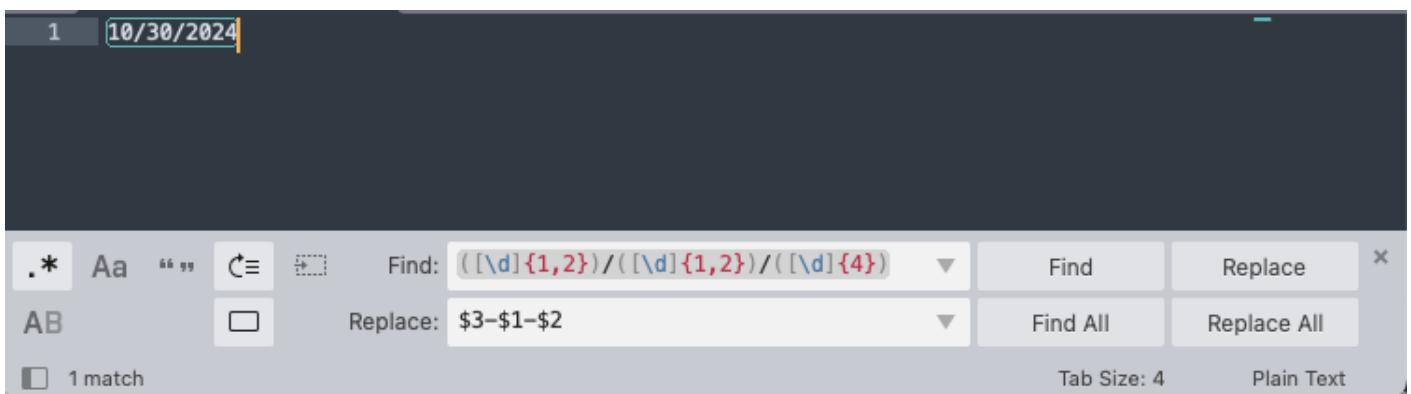
Regex to find date and time.

Option 1: `([\d]{1,2})/([\d]{1,2})/([\d]{4})` in format `mm/dd/yyyy`

Option 2: `[0-9]{4}-[0-9]{2}-[0-9]{2}T` in format `yyyy-mm-dd`

Option 3: `([0-1]?[0-9])2[0-3]:[0-5][0-9]` in format `HH:mm`

In Sublime Text Find and Replace (CMD+OPT+F) replace with `$3-$1-$2`



This replaces date `mm/dd/yyyy` with `yyyy-mm-dd`

The below will verify email address format.

Simple:

`[\w\-\.] + @([\w\-\.] +) + [\w\-\.] {2,4}`

Complex

`^(?:(?!.*[.]{2})[a-zA-Z0-9](?:[a-zA-Z0-9.+-!%-]{1,64})|)"[a-zA-Z0-9.+-!%-]{1,64}"@[a-zA-Z0-9][a-zA-Z0-9.-]+(.[a-z]{2,}.[0-9]{1,})$`

GUID, alphanumeric 8-4-4-4-12

`[0-9A-Fa-f]{8}-[0-9A-Fa-f]{4}-[0-9A-Fa-f]{4}-[0-9A-Fa-f]{4}-[0-9A-Fa-f]{12}`

Find Data in Cell

This document is in development

`SEARCH` finds `"text value"` in cell `A1`.

`IF` result of `SEARCH` is that the data is found, result returns `TRUE`. Else, `FALSE`.

```
=IF(SEARCH("text value",A1,1),TRUE,FALSE)
```

Count Unique Values in Spreadsheet

This document is in development

UNIQUE finds the unique values in a spreadsheet row or column.

COUNTA counts the results of UNIQUE, result returns a numeric value.

=COUNTA(UNIQUE(A1:B100))

A25						
	A	B	C	D	E	F
1	1					
2	1					
3	1					
4	1					
5	2					
6						
7	3					
8	3					
9	4					
10	5					
11	5					
12	5					
13	5					
14	5					
15	5					
16	5					
17	5					
18	10					
19	20					
20	30					
21	30					
22	40					
23	50					
24	50					
25	24					
26						