

Backpack Tag Functions Cheat Sheet

Use `>>` to apply functions to your tag lists.

You can also chain multiple functions together in one tag:

Example: `[color>>LOWER>>SORT]`

FORMATTING FUNCTIONS

FORMAT() - Formats numbers

(\$) - Currency, no cents

(\$.) - Currency, with cents

(%) - Percentage, no decimal

(%.) - Percentage, 1 decimal place

(#) - Numerical format, 1 decimal place

(,) - General # with comma

(.) - General #, no comma, 2 decimal places

(,.) - General # with comma, 2 decimal places

```
[inventory.price>>FORMAT($.)]
```

Tag output: [8000]

w/func: [\$8,000.00]

```
[inventory.price>>FORMAT(%.)]
```

Tag output: [5.15]

w/func: [5.2%]

LOWER - All lowercase

UPPER - All uppercase

TITLE+ - Uppercase first letter

TITLE() - Uppercase first letter, with exception

```
[fluency.founders>>LOWER]
```

Tag output: [ERIC, Brian, mike, scott]

w/func: [eric, brian, mike, scott]

```
[fluency.founders>>TITLE(ERIC)]
```

Tag output: [ERIC, Brian, mike, scott]

w/func: [ERIC, Brian, Mike, Scott]

PLURAL - Changes to plural form

POSSESSIVE - Changes to possessive form

```
[fluency.founders>>POSSESSIVE]
```

Tag output: [Eric, Brian, Mike, Scott]

w/func: [Eric's, Brian's, Mike's, Scott's]

TRIM - Removes whitespaces before/after text

```
[fluency.founders>>TRIM]
```

Tag output: [Eric , Brian , Mike, Scott]

w/func: [Eric, Brian, Mike, Scott]

NUMBER FUNCTIONS

PLUS()

MINUS()

MULTIPLY()

DIVIDE()

```
[year>>MINUS(2)]
```

Tag output: [2023, 2000]

w/func: [2021, 1998]

SUM - Sum of the values

AVG - Average of the values

```
[inventory.price>>SUM]
```

Tag output: [1200, 1500, 750, 900]

w/func: [4350]

MAX - Selects the highest value

MIN - Selects the lowest value

MINNONZERO - Selects the minimum value, excluding zero

```
[inventory.price>>MAX]
```

Tag output: [1200, 1500, 750, 900]

w/func: [1500]

COUNT - Counts the number of values

COUNTIFOVER/COUNTIFUNDER() - Counts the number of values if over/under a specified condition

```
[fluency.founders>>COUNTIFOVER(3)]
```

Tag output: [ERIC, Brian, mike, scott]

w/func: [4]

DAYSAGO - Calculates the number of days between present day and tag dates

```
[Listings.closeDate>>DAYSAGO]
```

Tag output: [2023-10-10, 2023-10-11]

w/func: [60, 59]

MANIPULATION FUNCTIONS

REMOVE() - Removes one data value

REMOVEALL(,) - Removes multiple data values

```
[condition>>REMOVE(New)]
```

Tag output: [New, Used, Certified]

w/func: [Used, Certified]

```
[condition>>REMOVEALL(New,Used)]
```

Tag output: [New, Used, Certified]

w/func: [Certified]

REPLACE(,) - Replaces data value(s)

REPLACE_IF_OVER(,) - Replaces content over a defined character count

```
[condition>>REPLACE(Used, PreOwned)]
```

Tag output: [New, Used, Certified]

w/func: [New, PreOwned, Certified]

```
[condition>>REPLACE_IF_OVER(10,Philly)]
```

Tag output: [Philadelphia]

w/func: [Philly]

IF(,) - Replaces data value based on conditions

IFEXISTS(,) - Generates data value based on conditions

```
[condition>>IF(Used,PreOwned)]
```

Tag output: [New, Certified, Used]

w/func: [New, Certified, PreOwned]

NONNULL - Removes empty values

```
[condition>>DISTINCT]
```

Tag output: [New, New, Used, Certified, New]

w/func: [New, Used, Certified]

```
[condition>>NONNULL]
```

Tag output: [New, , Used, Certified, , New]

w/func: [New, Used, Certified, New]

SORT - Sorts alphabetically

SORT DESC - Reverses alphabetically

LIMIT() - Limits the number of values

SHUFFLE - Randomly sorts all values

```
[condition>>SORTDESC]
```

Tag output: [New, Used, Certified]

w/func: [Used, New, Certified]

```
[condition>>LIMIT(2)]
```

Tag output: [New, Used, Certified, PreOwned]

w/func: [New, Used]

CONCAT - Merges separate values into a single value

CONCAT_TO - Limits list length

SPLIT - Separates single value to separate values

```
[condition>>CONCAT]
```

Tag output: [New, Used, Certified]

w/func: [New Used Certified]

```
[condition>>SPLIT]
```

Tag output: [New Used Certified]

w/func: [New, Used, Certified]

END_AT() - Removes first instance

END_AT_LAST() - Removes last instance

```
[headline>>END_AT(Special)]
```

Tag output: [Your Favorite Special]

w/func: [Your Favorite]

```
[headline>>END_AT_LAST(Special)]
```

Tag output: [Your Favorite Special's Special]

w/func: [Your Favorite Special's]

JAVASCRIPT FUNCTIONS (ADVANCED)

FUNC(VALUE)

```
[make>>FUNC(VALUE.toLowerCase().trim())]
```