

SharePoint List: Creating Meatball Status Icons

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Helpful Tips

If you want to add colored status icons on a single list, multiple lists, even lists within tabs on a page.

This document is intended for SharePoint Admins and Developers.

Step 0: Create Status Values Column

1. Name the column for status value. For example, the status column name will be referenced as `Status Value`
 - a. Type is *Choice*
 - b. Paste in your choices **MUST** include one of the following keywords (verbatim) in order to work

100-90

89-80

79-10

<10

Up

Down

Degraded

d. BONUS: For whatever reason, you want helper text you may add like the example below

```
100-90 - VSAT Up
89-80 - VSAT Degraded
79-10 - VSAT Down
<10 - Other example text # 0
Up - Other example text # 1
Etc...
```

When you make the keywords correctly the following icon color corresponds with the keyword

```
100-90 => Green
89-80 => Yellow
79-10 => Red
<10 => Blue
Up => Green
Down => Red
Degraded => Yellow
```

Set your values of each cell in the column before preceding the next step

Step 1: Create the Status Column

1. Name the column for the status (Meatball). For example, the status column name will be referenced as `Status`
 - a. Type is *Calculated*
 - b. Paste the code into *Formula*
 - i. The code searches the cell referenced (`Status Value`) for the value. It is not case sensitive.

```
=IF(ISERROR(SEARCH("up",[Status Value]))=FALSE,("<div key='up' styl
,IF(ISERROR(SEARCH("Down",[Status Value]))=FALSE,("<div key='down'
,IF(ISERROR(SEARCH("Degraded",[Status Value]))=FALSE,("<div key='de
,IF(ISERROR(SEARCH("100-90",[Status Value]))=FALSE,("<div key='100-
,IF(ISERROR(SEARCH("89-80",[Status Value]))=FALSE,("<div key='89-80
```

```
,IF(ISERROR(SEARCH("79-10",[Status Value]))=FALSE,("<div key='79-10",IF(ISERROR(SEARCH("<10",[Status Value]))=FALSE,("<div key='<10' st
```

d. The data type returned from is: *Number*

i. Making it *Number* ensures that when the conditionals hit true the div element is properly rendered.

So if the status looks like "<div ... ></div>". This is what happened. Fix it.

e. Checked: *Add to default view*

Step 2: Setting The Values

1. Assigning values to the cells within the `Status Values` column with the dropdown of choices you created
2. Modify the view so `Status Values` is not shown
 - a. The reason why we do this is because it's only needed for the initial setup but it is important. When the user goes in the popover and selects a different choice. The `Select Values` column is updated. And on reload of the page the `Status` column updates as well.

Helpful Tips

1. Any columns with status will be selected to have a popover!
2. Should be using good naming conventions for the naming of columns. For example, if the column would display the `NIPR Status` then the corresponding value column should be named `NIPR Status Value`
3. Name the `Status Value` columns right the first time! If you don't you are better off deleting and starting over that column with the right name.
4. It takes a moment for the script to load the popovers upon startup
5. When editing the formulas if the referenced column `Status Values` has spaces you must encapsulate in brackets []. For example, if the referenced column is "NIPR Status Values". You must put `=IF(ISERROR(SEARCH("up",[NIPR Status Values]))=FALSE,"Green"` If the column name doesn't have spaces then you don't need the brackets.