

PnP Community Sample Discussion Board formatting

André Lage

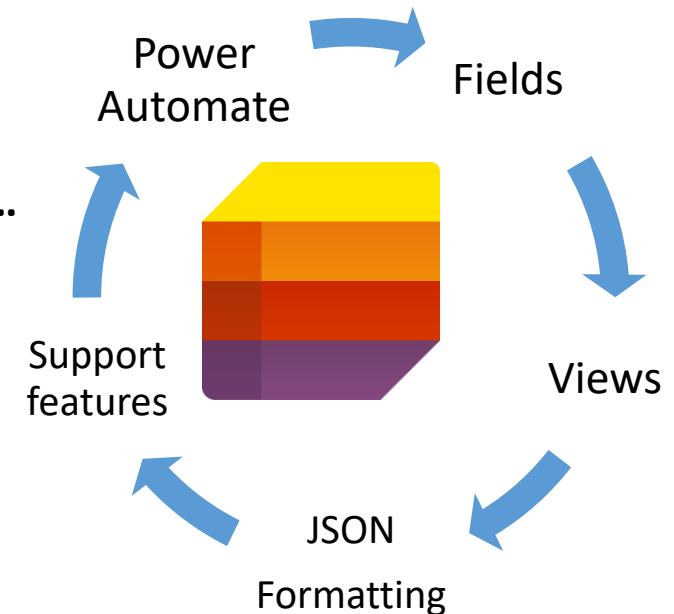
Twitter: @aacleage

GitHub: <https://github.com/aacleage>



Analyze Discussion Boards

- Validate what already exist and improve for our own needs.
 - Classic Discussion Board List and others
- Additional JSON formatting
 - **Menu with support features**
 - **Permission checker, default option, comment, response...**
 - **Discussion Board Timeline View**
 - **Answers Lookup for support “Discussion answers List”**
 - **View Responses “Discussion answers List”**
 - **Vote, Emotions**
- Use existing features
 - **Microsoft SharePoint Page**
 - **Filter Web Parts**
 - **Microsoft Power Automate**
 - **Declarative JSON for Flow**
 - **Microsoft Teams**



List Formatting – Discussion Board

Discussion Board ☆

☰

↑0

💡

Triage 🔍

Andre Lage started on May 3, 2022 in Ideas

☒

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💬1

✎

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🙏

Investigation

Feature

Andre Lage started on Jan 13, 2022 in Q&A

☰

↑1

💬

Investigation

Bug/Issue 🐛

Feature

Triage 🔍

Andre Lage started on Jan 13, 2022 in General

☰

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Triage 🔍

Bug/Issue 🐛

Feature

Andre Lage started on Jan 13, 2022 in Announcements

☰

↑1

💡

Investigation

Triage 🔍

Andre Lage started on Jan 13, 2022 in Ideas

Question regarding the X

The standard Lorem Ipsum passage, used since the 1500s
"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."

Section 1.10.32 of "de Finibus Bonorum et Malorum", written by Cicero in 45 BC
"Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo

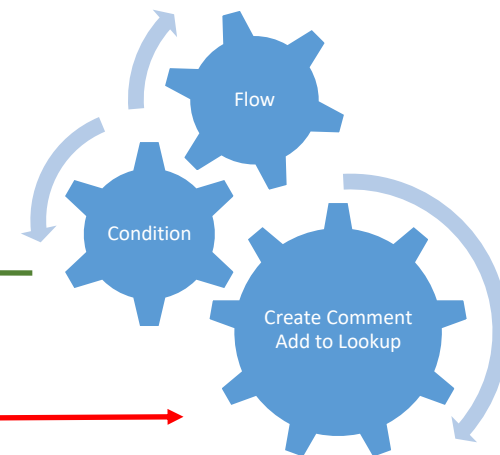
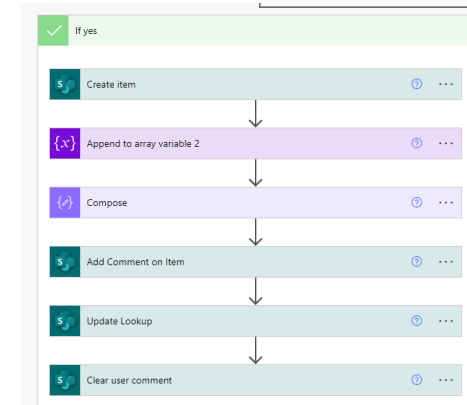
+ 😊 1 🔔 1

Teste content

Welcome to new content

Comment

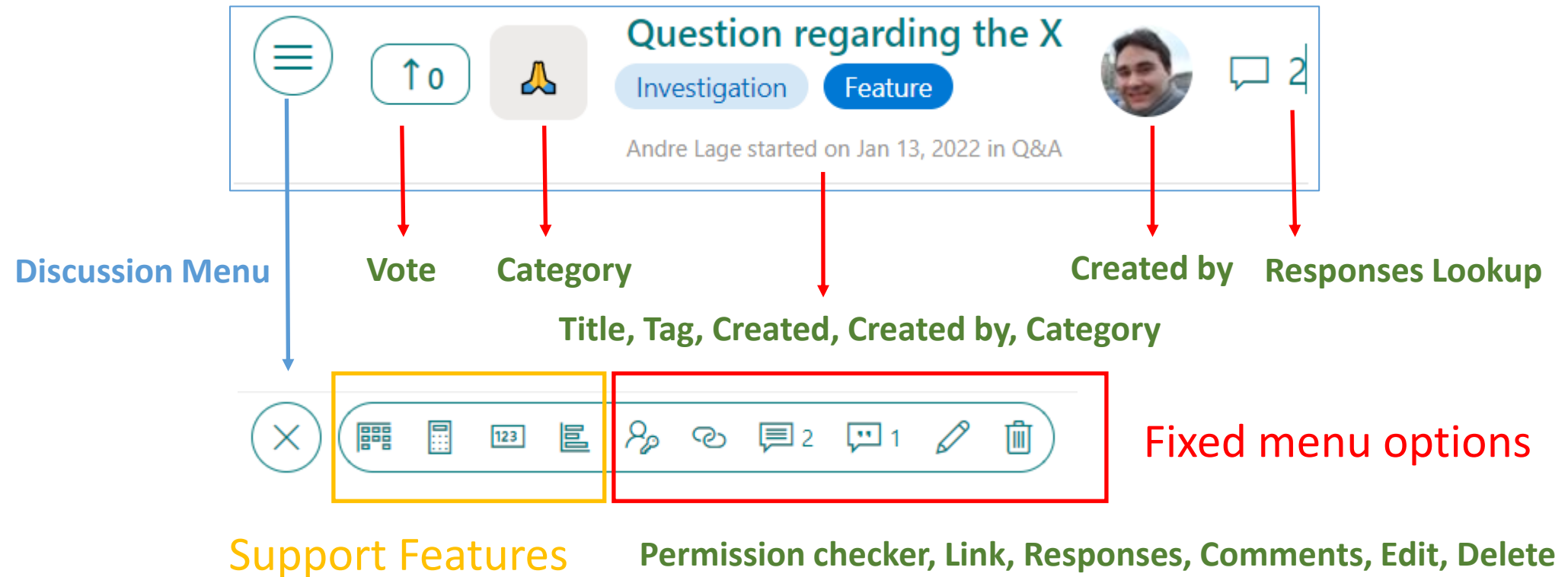
4 Last Modified 5/5/2022 by Andre Lage v122



List Formatting – Discussion view



Microsoft List Formatting



List Formatting – Discussion card



Microsoft List Formatting

Question regarding the X

Investigation

Feature



Andre Lage started on Jan 13, 2022 in Q&A



Question regarding the X

The standard Lorem Ipsum passage, used since the 1500s
"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."

Section 1.10.32 of "de Finibus Bonorum et Malorum", written by Cicero in 45 BC
"Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo



1



1



Teste content

Welcome to new content



Comment

4 Last Modified 5/5/2022 by Andre Lage v122

Title

Description

Emotion

Answers Lookup

UserComment

Modified, Modified by, owshiddenversion

Discussion Board – Responses



Microsoft List Formatting

rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo

+ 😊 1 🔔 1

Teste content

Welcome to new content

This is a new response to this post...

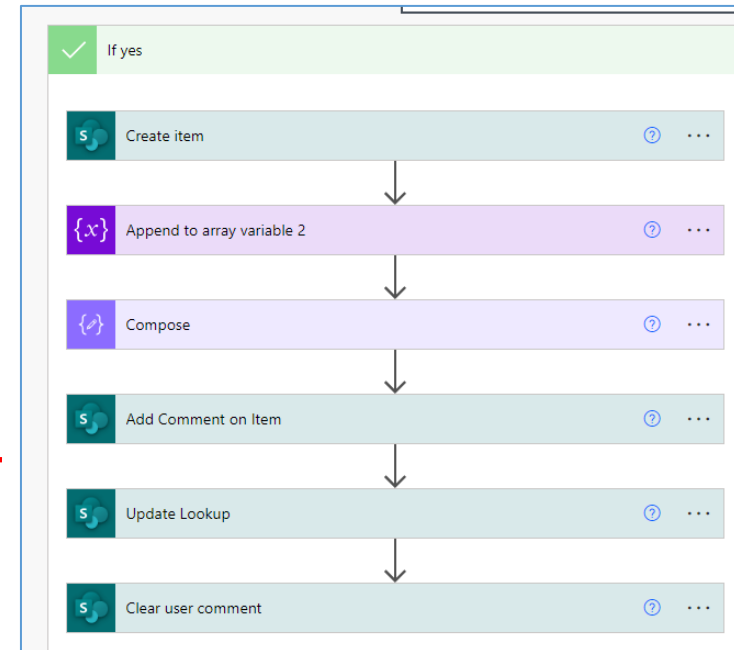
Send

Click send and wait while is being made.

4 Last Modified 5/6/2022 by Andre Lage v126



Manual PnP New response



```
"customRowAction": {  
  "action": "executeFlow",  
  "actionParams": "{\\"id\\":  
    \\"fd2abf37-1aa9-4d20-abo"
```



Support List

Discussion Answers ☆ ☑

Title ▾

I would like to have more inform

I agree...

Teste content

Welcome to new content

List Formatting – Discussion Timeline

Discussion Timeline


Categories

 Announcements

 General

 Ideas

 Q&A

 Show and tell

WARUM NUTZEN WIR ES?

Es ist ein lang erwiesener Fakt, dass ein Leser vom Text abgelenkt wird, wenn er sich ein Layout an...

5/5/2022



5/5/2022

SAMPLE

Content on sample.....

EVALUATE INT. OF SOLUTION

Proposal: Evaluate integration of Solution. After making some teste...

5/5/2022



5/5/2022

LATIN SAMPLE

*The standard Lorem Ipsum passage, used since the 1500s
"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut lab..."*

- Order by Modified
- Discussion Card Display
 - Emotion editable
- Filter by Categories

List Formatting – Discussion Answers

Grouped by Post – ID and Title

Discussion Answers ☆ ☑

Responses (2)

Post: Question regarding the X

Teste content

Welcome to new content

Responses (2)

Post: Evaluate int. of Solution

I would like to have more information.

I agree...

Format view

Format view

Format columns

Choose layout

List

Change the display of this view by adding JSON below. Remove the text from the box to clear the custom formatting. [Learn more](#)

```
1  {
2    "$schema": "https://developer.microsoft.com/json-schemas/sp/v2/row-formatting.schema.json",
3    "hideColumnHeader": true,
4    "groupProps": {
5      "headerFormatter": {
6        "elmType": "div",
7        "style": {
8          "padding": "10px"
9        },
10       "attributes": {
11         "class": "ms-fontColor-white ms-bgColor-themePrimary ms-fontSize-20"
12       },
13       "txtContent": "=if(@group.fieldData > 0, 'Responses ('+@group.count+', 'Post: '+@group.fieldData)"
14     }
15   }
16 }
```


List Formatting – Permission checker

- **Goal:** Provide user permission status on item.
- **Support field:** [\$PermMask]
- JSON validates HEX content to display user permission on item

Format view

Format view Format columns

Choose layout

List

Change the display of this view by adding JSON below. Remove the text from the box to clear the custom formatting. [Learn more](#)

```
17175
17176
17177
17178
17179
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17181
17182
17183
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17187
17188
17189
17190
17191
17192
17193
17194
17195
17196
17197
17198
17199
17200
```

```
{
  "elmType": "div",
  "style": {
    "padding": "5px 0px"
  },
  "attributes": {
    "class": "ms-fontColor-info ms-fontSize-24"
  },
  "txtContent": "=if([$PermMask]== '0x7fffffffffffffff', 'Full Control', if([
    $PermMask]== '0x1b03c431aef', 'Edit', if(
    [$PermMask]== '0xb008431061', 'Read', '')))"
}
```

USER PERMISSION

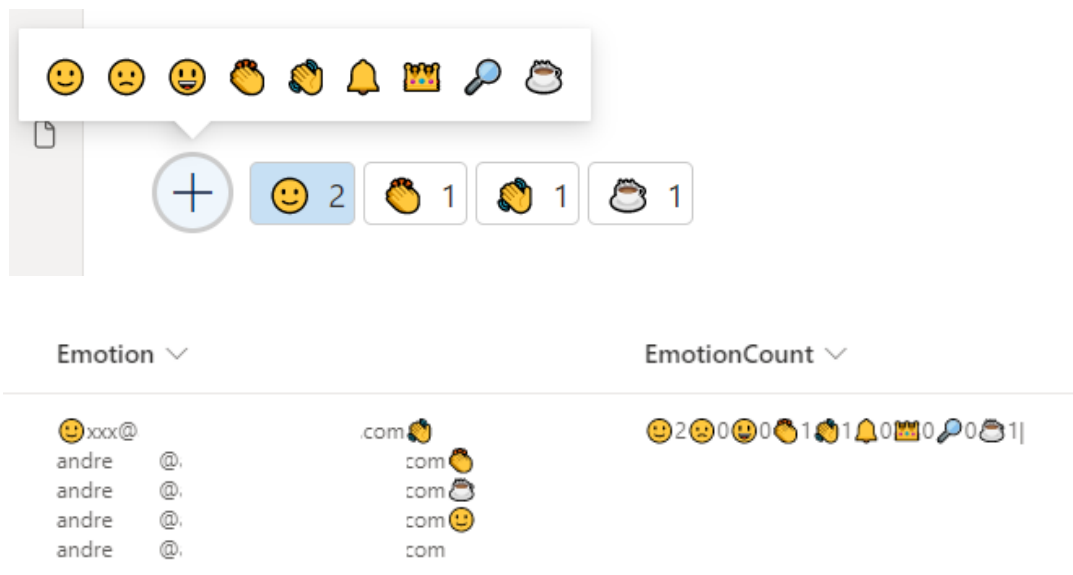
HEX	DECIMAL	BINARY	PermMask
0xb008431061	0000000756052856929	000000000000000000000000010110000000010000110001100001100001	Read
0x1b03c431aef	0000001856436902639	000000000000000000000000011011000000111100010000110001101011101111	Edit
0x7fffffffffffffff	9223372036854775807	11	Full Control

[username]@[domain].onmicrosoft.com

Full Control

List Formatting – Emotions

- **Goal:** Allow selection of emoji's for the user.
- Allow selection of emoji's for the user and display total selected by all users in the item.
- Emoji's are embedded in JSON.
- „**customCardProps**“ to display Emotions and „**customRowAction**“, „**setValue**“ with conditions to store user and/or emoji count.

[illegible]

Switch to design mode

Demo

Samples – List Formatting

Thank you



<https://github.com/pnp/List-Formatting>