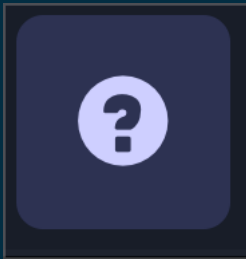




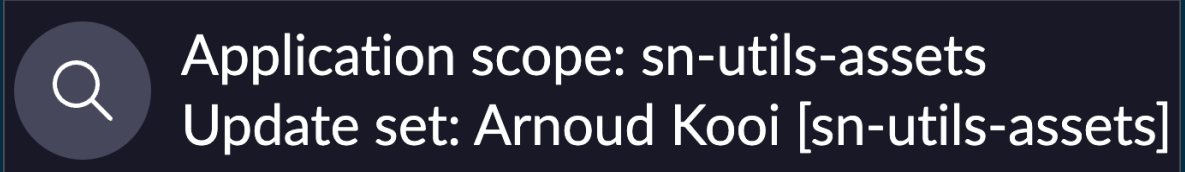
SN Utils by arnoudkooi.com

April 2023

Added UI elements by SN Utils



[SN Utils] Element added



for your convenience...

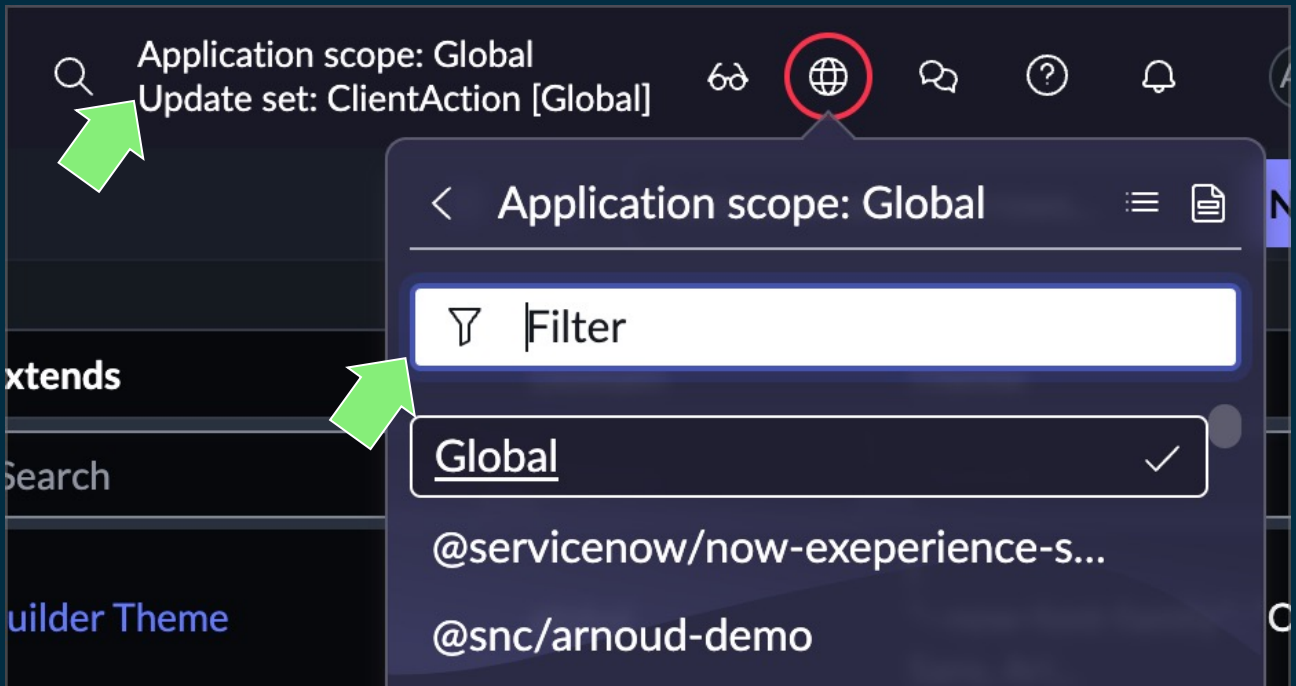




SN Utils UI Elements

1. Show “pickers” in next experience

Show the Application and Updateset and other pickers



Benefit

- In one glance know active scope and updateset
- Show domain and encryption context if applicable
- CTRL / CMD Click for switching via slash command
- One click drill down and focus on filter
- Option to mark default update set in **red**





SN Utils UI Elements

2. Question Mark

Clicking the Question Mark in the header of a form shows info about the current record, usually not shown on the form.

The screenshot shows the top header of a form titled 'Script Include' by 'CreatorConUtils'. On the right side of the header, there is a question mark icon. A green arrow points to this icon. Below the header, a blue box displays record information for 'sys_script_include' with ID 'fbb660ed4f913b409881c5c18110c'. The information includes creation and update details for 'Arnoud.Kooi', the number of updates (87), and the scope 'sn-utils-assets'. At the bottom, there are slash commands and shortcuts.

< ≡ Script Include CreatorConUtils ⓘ ⓘ

① [SN Utils] Record info for: sys_script_include - fbb660ed4f913b409881c5c18110c

Created by : Arnoud.Kooi
Created on : 08-05-2019 14:51:28
Updated by : Arnoud.Kooi
Updated on : 06-04-2023 23:58:43
Updates : 87
Scope : sn-utils-assets

Slash commands: [/u Arnoud.Kooi](#) [/versions](#) [/vd](#) [🌟 New: Use /vd (View Data) to show all record data]

Shortcuts: CTRL-V: Paste screenshot | CTRL-S: Save record | Double-click: Toggle Technical Names |

Benefit

- Show who and when created / updated
- Show tablename and sys_id
- Show application scope (if applicable)
- Quick links to open relevant slash commands
- Doubleclick the icon to open “view data” tab





SN Utils UI Elements

3. Background Script

The background script page is changed to add a (Monaco) codeeditor.

Running freeform script can cause system disruption or loss of data.

Run script (JavaScript executed on server) [\[Mirror in sn-scriptsync\]](#)
CTRL/CMD Enter to Execute | Slashcommand /bg to open this page | Editor and shortcut added by SN Utils

```
1 var current = new GlideRecord("sys_script_include");
2 current.get("fbb660ed4f913b409881c5c18110c760");
3
4 gs.info(current.getDisplayValue());
```



Run script in scope x_snc_sn_utils_ass Record for rollback? ☒ Execute in sandbox? ☐
Execute as scriptlet? ☐ Cancel after 4 hours ☒

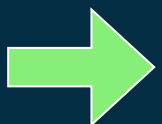
[0:00:00.114] Script completed in scope
x_snc_sn_utils_ass: script

Script execution history and recovery
[available here](#)
[download result](#)

x_snc_sn_utils_ass:
CreatorConUtils

Benefit

- All benefits of a code editor i.e. linenumbers and intellisense
- Results showing in same page on right side
- Visual indication in tab title via red or green dot if script is running  or finished 
- Open the page via slash command /bg or with template of current record (/bgc) or list (/bgl)





SN Utils UI Elements

4. Clickable list items

Elements in a glide list field are converted to link to the underlying record.



Benefit

- One click to navigate to to underlying record in classic UI
- One click to remove element from list, by clicking the red x

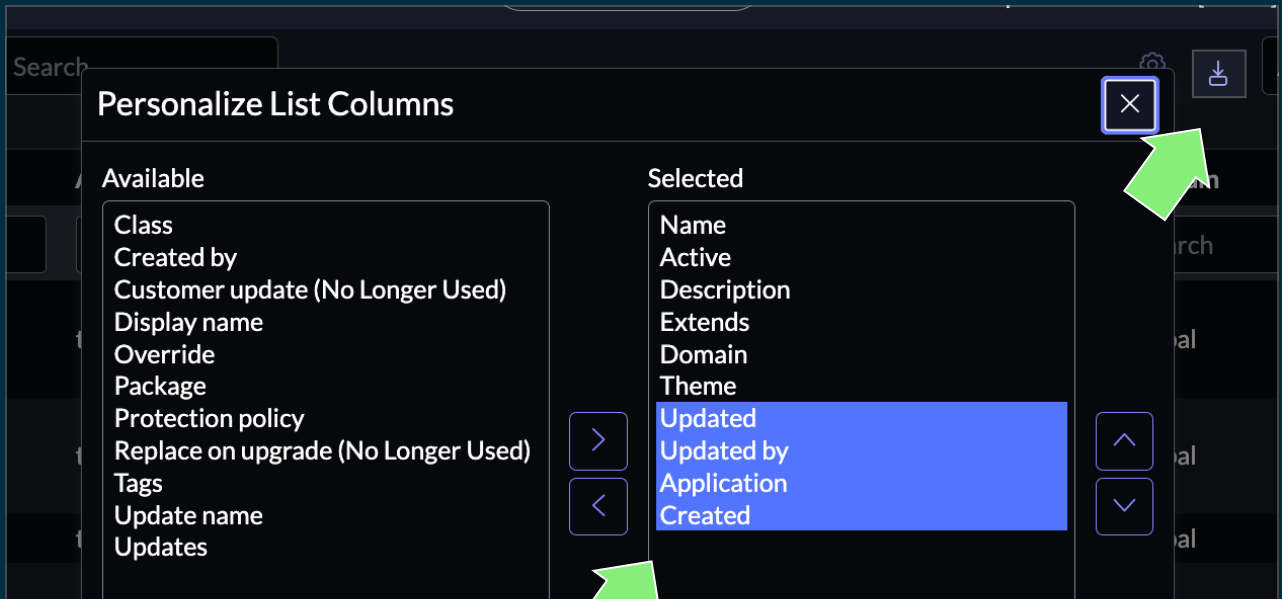




SN Utils UI Elements

5. Customize List

One click to add common columns to your list view



Benefit

- One click to add created, updated and application columns to list
- Configure columns to be added in the settings tab of popup
- Hold CTRL or CMD to keep modal open
- Hold SHIFT to add sys_id at beginning of list

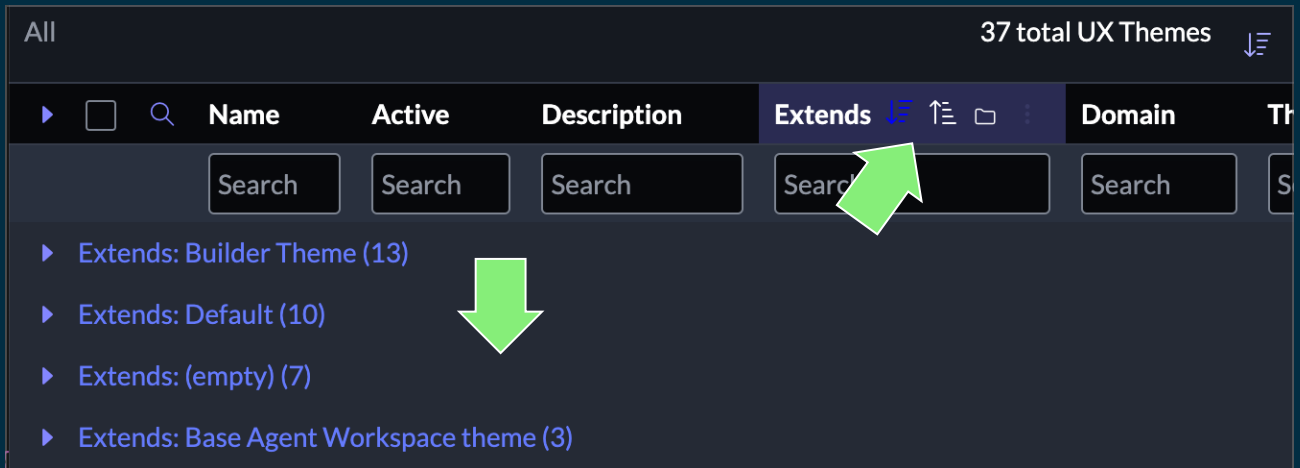




SN Utils UI Elements

6. Show sort icon in grouped list

One click to order grouped list by group size



Benefit

- Easy way to order list by group size
- (Since Tokyo platform adds icon with same function on right side)

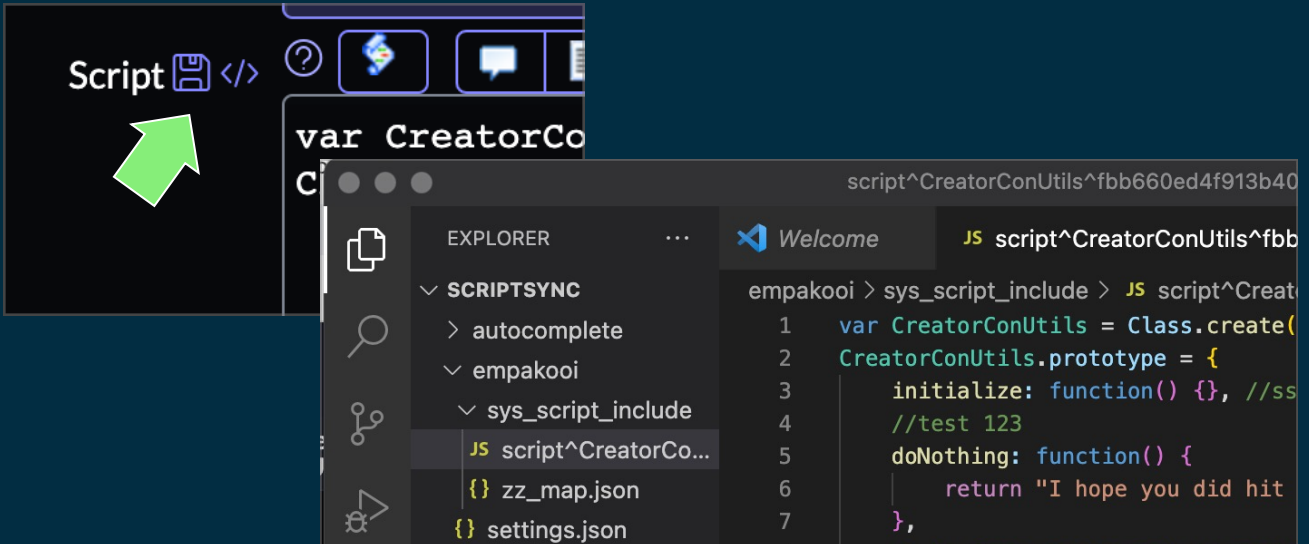




SN Utils UI Elements

7. Icon to open script in VS Code

One click to order grouped list by group size



Benefit

- One Click to open script in VS Code.
- No instance config needed in VS Code
- Automaticly synced to instance
- Requires sn-scriptsync VS Code extension





SN Utils UI Elements

8. Alternative compare link

When in the merge / compare view, add a link to use the open Monaco codeeditor compare tab.

Description [SN Utils Compare]	Only meant to demonstrate s
Name	CreatorConUtils
Script [SN Utils Compare]	<pre>var CreatorConUtils = Class CreatorConUtils.prototype initialize: function() {}, //sss 1</pre>

Benefit

- Easier view of updates in fullscreen Monaco editor
- Link only added to actually changed fields
- Link added to more field tyoes, like CSS fields





SN Utils UI Elements

9. Add links to underlying indicators

For formula indicators, add a box with links

Formula:

–

+

`[[Number of open cases not updated in last 5 days]] / [[Number of Open Cases]] * 100`

Indicators in formula (Shown by SN Utils)

> [Number of open cases not updated in last 5 days](#)

> [Number of Open Cases](#)

Benefit

- Save steps to explore the underlying indicators of a formula indicator

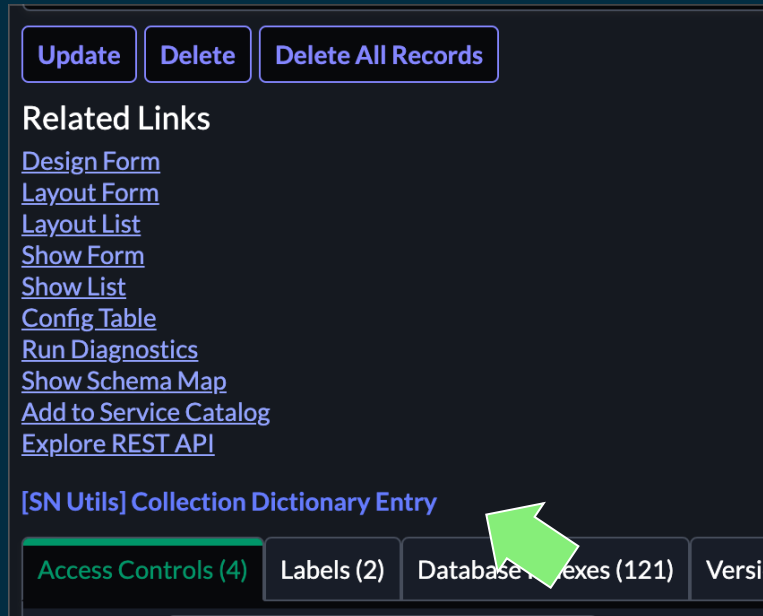




SN Utils UI Elements

10. Add link to collection dictionary

For sys_db_object records, add a link to collection dictionary record



Benefit

- Always have a link at hand to the collection entry
- Save navigation / search steps






SN Utils UI Elements

11. Hyperlinks in logfiles

Convert sys_id's to hypelinks in log files

All > Created on Today > Message contains sys_script.or. Source contains sys_script		
<input type="checkbox"/>  Created ▾	Level	Message
20-04-2023 19:30:01	Error	org.mozilla.javascript.Interpreter.interpretLoop(Interpreter.java:1271) org.mozilla.javascript.Interpreter.interpret(Interpreter.java:830) org.mozilla.javascript.InterpretedFunction.lambda\$call\$0(InterpretedFunction.java:160) com.glide.caller.gen.sys_script_include_b5d7507ab7082300616ceb67ee11a9cb_script.call(Unknown Source) com.glide.script.ScriptCaller.call(ScriptCaller.java:18) org.mozilla.javascript.InterpretedFunction.call(InterpretedFunction.java:159) org.mozilla.javascript.ScriptRuntime.doCall2(ScriptRuntime.java:2734) org.mozilla.javascript.ScriptRuntime.doCall(ScriptRuntime.java:2657) org.mozilla.javascript.Interpreter.interpretLoop(Interpreter.java:1518) org.mozilla.javascript.Interpreter.interpret(Interpreter.java:830) org.mozilla.javascript.InterpretedFunction.lambda\$call\$0(InterpretedFunction.java:160)

Benefit

- Easier troubleshooting when a analyzing log files

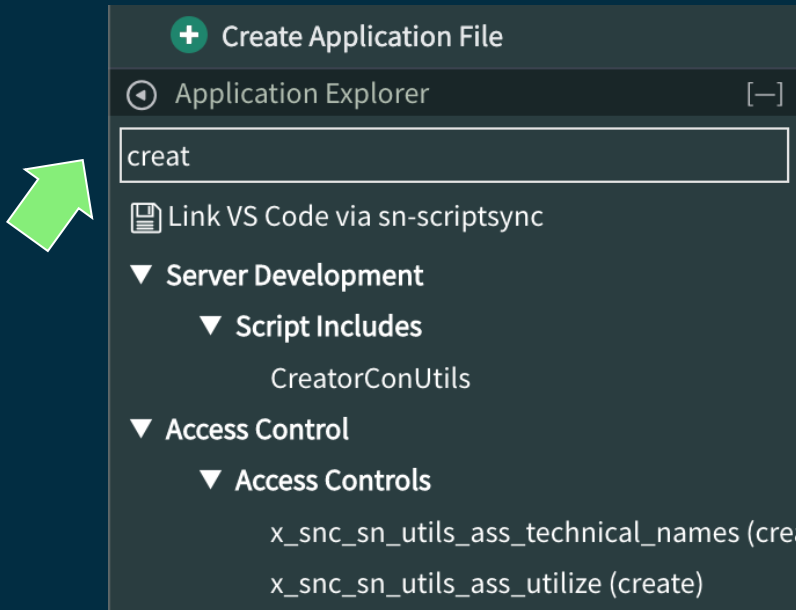




SN Utils UI Elements

12. Add filter to studio

Easily filter to the artifact you need



Benefit

- No long searching scrolling when working on a large app





SN Utils UI Elements

13. Disable via settings

Customize your experience

Update Set Updates Nodes Tables View Data User GlideRecord Slashcommands **Settings**

Settings *(Reload browser after changing settings to take affect)*

- ☒ Enable sn-scriptsync buttons (VS Code)
- ☒ Enable Code Editor buttons (Monaco Code Editor)
- ☐ Show Technical names on page load
- ☐ Don't add UI elements to browser
- ☒ Apply VS Code style editor to Background Scripts
- ☐ Disable CTRL/CMD-V to paste Clipboard image.
- ☒ Show (Next UI) or Enhance (UI16) Application and Updateset picker at page load.

Slashcommands:
On - Activate on / or CTRL-/

Slash popup theme:
Dark

Locally store slashcommands per ins
100

One click personalise list fields:

Benefit

- Customize your experience, by selecting the options you wish
- Core setting: Don't add UI elements to browser
- Separate setting for pickers, and others






SN Utils UI Elements

14. More!

The next in this series will be about the more hidden functions, accessible via shortcuts and clicks.

Visit arnoudkooi.com for resources around SN Utils



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browsers

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