**Information**

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| **CRIM ID** | **Title** | **Workstream** |
| C0706 | Display next object ID in the sequence– v0.1 | Service Management |

**Revision History**

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| --- | --- | --- | --- |
| **Revision** | **Date** | **By** | **Remarks** |
| 0.1 | 20/07/2021 | Erika Sukevic | Base spec |
| 1.0 |  |  |  |
| 1.1 |  |  |  |
| 1.2 |  |  |  |

# CRIM Narrative

We need a custom field which calculates what is the next object ID in the sequence. The field need to identify which objects on the specific object level belongs to the selected structure and calculate ID based on it.

The new field should be placed on the Equipment Object Navigator screen and Functional Object screen.

A picture containing application

Description automatically generated

The logic should find the object ID where Object level = 210\_MS\_CONTRACT or 200\_CONTRACT

Graphical user interface, text, application

Description automatically generated

Then the logic should find all object IDs which

* belongs to the object id with object level 210\_MS\_CONTRACT or 200\_CONTRACT and
* has object level 355\_DWELLING or 340\_SCHEME

Graphical user interface, application

Description automatically generated

The first part of the 355\_DWELLING or 340\_SCHEME object id is always the number of the object where level is 210\_MS\_CONTRACT or 200\_CONTRACT. Then it follows with underscore and minimum of 4-digit number. For example, if object id for 210\_MS\_CONTRACT object is 1 then the first 210\_MS\_CONTRACT object id will be 1\_0001.

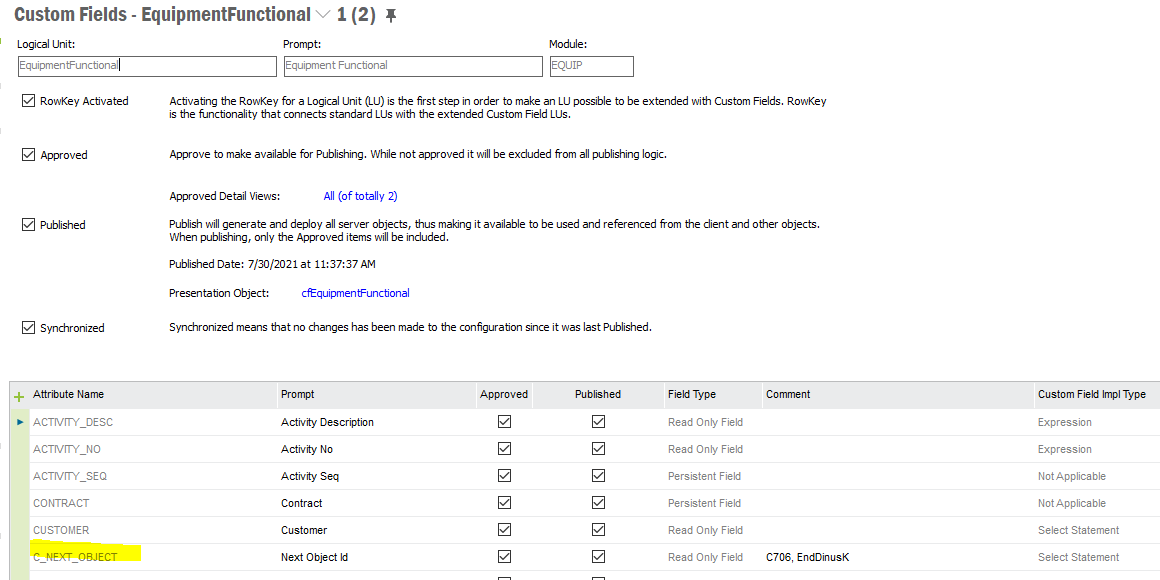
The field should find the highest number in the structure and display the next number in the sequence. For example, if the highest number is 1\_20014 then field should display 1\_20015.

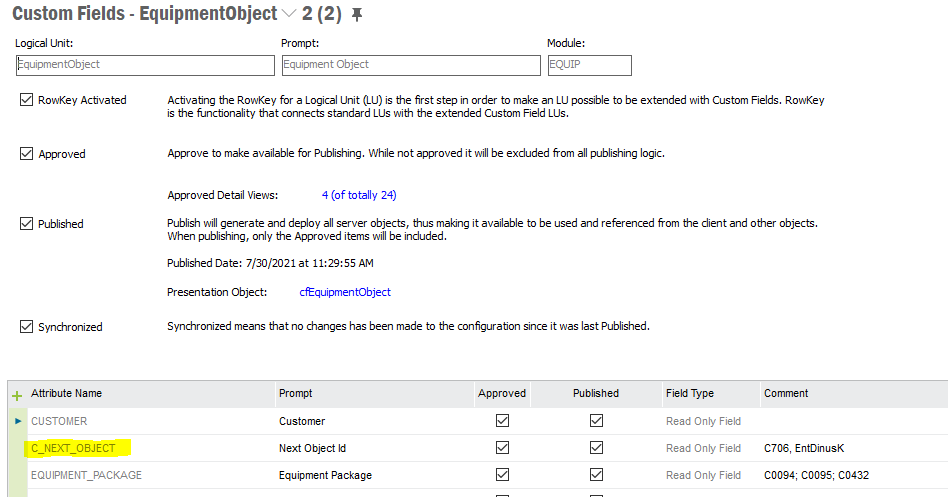
Graphical user interface, text, application

Description automatically generated

# Implementation

Two custom fields were added to ‘EquipmentObject’ and ‘EquipmentFunctional’ logical units with the name ‘C\_NEXT\_OBJECT’. Custom field in ‘EquipmentObject’ will do the actual calculation of the next object id and field in ‘EquipmentFunctional’ is referring to the custom field in ‘EquipmentObject’





And added them in them in the window layout for ifsapp user.

