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more Safety & Security

# **NEXCAP® WEB PLATFORM USER GUIDE**

## **ANNEX – DYNAMIC PROPERTIES**

Date: 11/08/2017

Document reference: D2017-1289

Version: 2.2

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## 1 | LINKED OBJECT

Dynamic properties can be linked to different objects of the solution: Items, references, users and locations.

### 1 | 1 Items

Dynamic properties linked to items are valued at the creation and/or edition of an item in the menu Management -> Items. The items inherit their properties from their category and/or their reference.

### 1 | 2 References

Dynamic properties linked to references are valued at the creation and/or edition of a reference in the menu Management -> References. The reference can inherit the properties from its category or those are associated to the reference itself.

### 1 | 3 Users

Dynamic properties linked to users are valued at the creation and/or edition of a user in the menu Management -> Users. All users have the same properties.

### 1 | 4 Locations


Dynamic properties linked to locations are valued at the creation and/or edition of a user in the menu Management -> Users. All locations have the same properties.

## 2 | FUNCTIONNALITIES


### 2 | 1 Create and edit

Dynamic properties can be created and edited on different menus. A preview permits to see how the property will be displayed.

#### 2 | 1 | 1 Categories / references

On the category/Reference creation or edition screen, the user can create a property by using the button .

When a property is created directly on these menus, it is associated to the element.

To edit the property, it has to be associated to this category/Reference and then to click on the pen next to the property label.  The property label can be change but not its technical name.

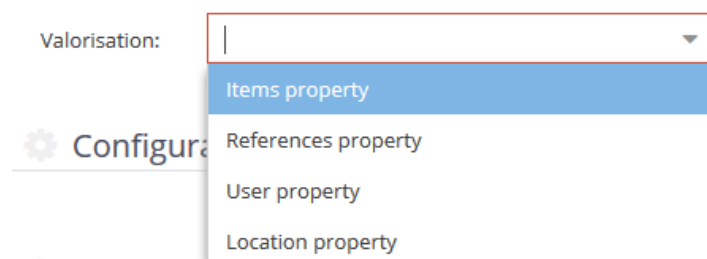
#### 2 | 1 | 2 Properties

From this menu, the user can also create and edit dynamic properties using the following buttons on the top of the table.



**Figure 1 Creation and edition buttons**

The user has to precise the linked object of the property.

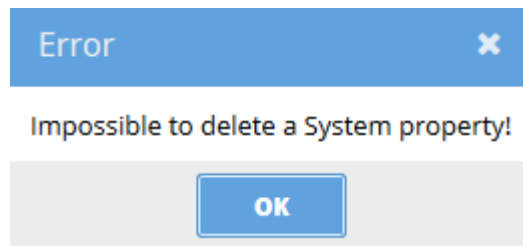


**Figure 2 Valorization field**

## 2 | 2 Delete

Dynamic properties can only be deleted from this menu: System -> Properties.

If the property is a system one, an error message appears on the screen. These properties are necessary to the good running of NexCap solution.




**Figure 3 Error message deleting a system property**

## 2 | 3 Association

### 2 | 3 | 1 Categories

Items and references dynamic properties can be associated to a category. All its subcategories inherit of the same properties.

On the creation or editing category screen, the button below permits to display all properties that aren't associated yet. 

This properties list can be filtered by the property name and/or type.

Select an item property

Name:

Type:

Reset

Filter

Label	Type
porp Art test	STRING
Systeme Champ simple Item	STRING

Select

Cancel

**Figure 4 Property association screen**

2 | 3 | 2

References

As for categories, items and references dynamic properties can be associated to a reference.

If a reference property is associated to a reference, the user can fill its value on the same screen.



## 3 | TYPES OF PROPERTY

Properties can be displayed in nine different types. For each type, the user can choose different parameters to define its property. Some of these parameters are required for the property creation.

### 3 | 1 Simple text field

Simple text field is a field for plain text. Use the text field if you need to store small and simple text.

- Property label - **Required**
- Property description
- Field width *min*: 90 – *max* : 600
- Mins chars *min*: 1 – *max* : 1024
- Max chars *min*: 1 – *max* : 1024
- Alphanumeric: if checked, the field accepts only numbers and letters.



A rectangular text input field with a thin red border. A vertical cursor line is positioned at the left edge of the field.

Figure 5 Simple text field display

### 3 | 2 Multiline text box

Multiline text box is a text field that allows the user to accommodate multiple lines of text.

- Property label - **Required**
- Field width *min*: 90 – *max* : 600
- Mins chars *min*: 1 – *max* : 1024
- Max chars *min*: 1 – *max* : 10.000

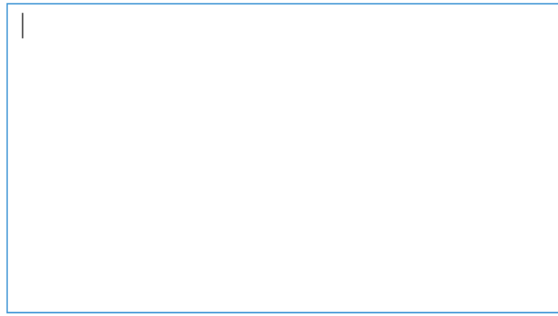


Figure 6 Multi lines field display

### 3 | 3 Number

Number box is a float number field with two arrows to increase or decrease the input with a step defined in the property parameters.

- Property label - **Required**
- Property description
- Field width *min*: 30 – *max* : 600
- Mins value *min*: 0 – *max* : 1.79 e308
- Max value *min*: 0 – *max* : 1.79 e308
- Step *min*: 0 – *max*: 1.79 e308
- Allow decimals
- Decimal precision *min*: 1 – *max* : 1.79 e308




Figure 7 Number field display

### 3 | 4 Integer

Integer box is a number field with two arrows to increase or decrease the input with a step defined in the property parameters.

- Property label - **Required**
- Property description
- Field width *min*: 30 – *max* : 600
- Mins value *min*: 0 – *max* : 1.79 e308

- Max value *min*: 0 – *max* : 1.79 e308
- Step *min*: 0 – *max*: 1.8 e308

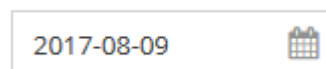


**Figure 8 Integer field display**

### 3 | 5 Date

Date field is a box to accommodate dates in the format: *yyyy-mm-dd*. The user can select the date by displaying a calendar.

- Property label - **Required**
- Property description
- Field width *min*: 120 – *max* : 600
- Limit to current date: A button “Today” appears on the calendar when this option is checked.



**Figure 9 Date field display**

### 3 | 6 Date and Time

Date and time field is composed by two fields: one for the date and the other for time on format *hh:mm*.

- Property label – **Required**
- Property description
- Field width *min*: 120 – *max* : 600
- Limit to current date: A button “Today” appears on the calendar when this option is checked.



**Figure 10 Date & time field display**

### 3 | 7 Combo box

A combo box is a field combining a list box and a single line editable textbox. The user can either type a value directly or select a value from the list. At least one element is necessary.

- Property label - **Required**
- Property description
- Field width *min*: 120 – *max* : 600
- Items, elements of the combo box – **One element required**

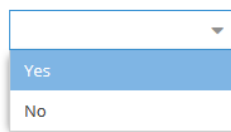


Figure 11 Combo box display

### 3 | 8 Check box

Check box is a square box that can contain a tick mark if chosen by the user.

- Property label - **Required**
- Property description
- Checked, default state of the box



Figure 12 Check box display

### 3 | 9 Radio buttons

Radio buttons is displayed as a list of circular holes that can contain a dot if chosen by the user. At least one button is necessary.

- Property label - **Required**
- Property description
- Buttons labels – **One element required**

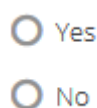


Figure 13 Radio buttons display

## 4 | OPTIONS

Dynamic properties can have default options settled at their creation or edition.

### 4 | 1 Editable

This option allows the user to modify the property parameters. If it's not checked, the pen doesn't appear on the associated category or reference edition screen.

On the menu System -> Properties, an error message appears if the user wants to edit a property not editable.

### 4 | 2 Displayed

This option affects the item or material set detail view on tablets. If the option is not checked, the property is not displayed on tablet.

### 4 | 3 Required

If a property is settled as required, the user must fill it on the element edition.

### 4 | 4 Usable in tables, details and filters

These options permit the user to display or not the property on tables, details and filters.

If the property is **usable in tables**, the user can find it on columns list on the following menus:

- Items properties
  - Consultation -> Items
  - Managements -> Items
- References properties
  - Consultation -> Material sets
  - Managements -> References
- Users properties
  - Management -> Users
- Locations properties
  - Management -> Locations

If the property is **usable in filters**, the user can find it on filters list on the same menus noted above.

If the property is **usable in detail views**, the user can find it on elements details view on the same menus above.

#### 4 | 5 Usable in control

The property can either be usable in specific check creation and/or edition or not.

## **5 | FUNCTIONALITIES USING DYNAMIC PROPERTIES**

Dynamic properties can be usable in other functionalities of NexCap as alerts and controls.

### **5 | 1 Alerts**

An alert on the value of a dynamic property permits to display an alert when the property is settled at a certain value. This value can either be valued by editing the item, reference, user or location, or either by editing its value on a specific check.

### **5 | 2 Controls**

A dynamic property can be used on a specific check and then settled at its execution. The specific check control has to have the type and property name as the dynamic property.

6 | DETAIL VIEW

On the menu **System -> Properties**, dynamic properties has a detail view that contains all information about the property and in which functionality it is used.

In the following example, the property is used in an alert and a specific check.

## Dynamic property name

### Property

Name: **Dynamicpropertytechnicalname**

Valorisation: LOCATION

Type: STRING

### Alerts

[1]: Test Check the value of a dynamic  
property

### Checks

[1]: Test 2.2.0

Figure 14 Dynamic property detail view