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## Version

This article was created by SAP C4C (1702) Version

## Brief Description

The objective of this article is about the one of newest and cooler feature of SAP C4C 1702. In my opinion, of course!! I am talk about Rule Editor, and with it, you can make a field visible, obligatory or read-only using conditions, mathematical, Date Time, Text functions and more.

That's it guys, let's do it!!

## Author

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## 1. Customization

### 1.1. Description

With Rule Editor, is possible to let the functional consultant more free to create conditions and interact more with the C4C screen. In our example, we are going to make a field obligatory based of a selection of another field. That's easy to do it in Rule Editor, however, I am sure that you will very satisfy with that feature launched on SAP C4C version 1702.

Let's go!!

### 1.2. Creating a Rule

In our example, we are going to use two fields previous created to our test. It's "View Option", and "Field 1".

#### ➤ View Option

This field are composed by two values.

- Show Field 1  
When this value will be selected by user, are rule will make the field "Field 1" obligatory.
- Show Field 2  
When this value will be selected by user, are rule will make the field "Field 1" optional.

#### ➤ Field 1

That field were created to be influenced by field "View Option"

On screen Customer, click on Adapt link, and select "Edit Master Layout" as demonstrated below.

The Layout edit mode were activated. And then select the field "Field 1". And a small screen popup.

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Select the tool below.

Another screen will be popup with 3 types of rules.

- Mandatory
- Read Only
- Visible

Our example will make a "Field 1" mandatory, so let's select mandatory rule.

So, let's create a new rule clicking on button show it below.

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It requested the rule's name. The name elected by me was MandatoryField1

On the left, will be list all fields on the select screen (Customer).

On the right, all operations and functions allowed to use.

Below, I will select the field View Option on the left.

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The screenshot shows the SAP Hybris Cloud for Customer 'Create and Edit Rule' interface. The 'Code' field contains the expression 'Root.ViewOption1\_ae9f65c237bb49bc8aa0e3b28191'. The 'Operators' panel on the right lists various comparison operators such as Greater Than, Less Than, Equal To, and Not Equal To.

ViewOption1 field added on the middle. That place is used to represent all expression set.

The screenshot shows the SAP Hybris Cloud for Customer 'Create and Edit Rule' interface. The 'Code' field contains the expression 'Root.ViewOption1\_ae9f65c237bb49bc8aa0e3b28191 ab60 |'. The 'Operators' panel on the right lists various comparison operators such as Greater Than, Less Than, Equal To, and Not Equal To.

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So, our expression is SET.

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## Expression

IF VIEWOPTION1 == 101 (Show Field 1) THEN make FIELD1 Obligatory

The screenshot shows the SAP Hybris Cloud for Customer interface for creating and editing rules. In the 'Code' field, the expression 'Root.ViewOption1\_ae9f65c237bb49bc8aa0e3b28191ab60 == "101"' is entered. The 'Functions' tab is currently selected in the sidebar, showing various operators and functions available for use.

To enrich our knowledge about this functionality. On Tab “Functions”.

It is possible to used Date Functions, Logical, Text, Value Information and Special Functions.]

Click on Apply button

The screenshot shows the SAP Hybris Cloud for Customer interface for creating and editing rules. The 'Code' field contains the expression 'Root.ViewOption1\_ae9f65c237bb49bc8aa0e3b28191ab60 == "101"'. The 'Functions' tab is selected in the sidebar, displaying a list of functions categorized under 'All', such as WEEKDAY, YEAR, AND, OR, and NOT.

And then apply button again

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The screenshot shows the SAP Hybris Cloud for Customer interface. A modal dialog is open over the main screen, which displays a list of fields under the 'CUSTOMER' section. One specific field, 'MandatoryField1', is selected and highlighted with a yellow border. The dialog shows several configuration options for this field:

- Field 1:** MandatoryField1
- Field 2:** Rule
- Visible:** Rule (checkbox checked)
- Field Definition:** 30 Days
- Buttons:** Apply, Cancel

The main interface background shows sections like 'OVERVIEW', 'LATEST UPDATES', 'REVENUE (As of)', and 'ACCOUNT TEAM (2)'. The status bar at the bottom indicates 'Customers' and 'EDS LA PAZ'.

On Adapt link, select the “End Layout changes” option

The screenshot shows the SAP Hybris Cloud for Customer interface with the 'Adapt' link in the top navigation bar being clicked. A dropdown menu appears, listing various customization options. The 'End Layout Changes' option is highlighted with a blue selection bar.

- Company Settings
- Company Branding Images
- End Layout Changes** (selected)
- Disable Key User Property Evaluation
- Edit Smartphone Layout
- New Page Layout
- Edit Page Layout
- Assign Page Layout
- Delete Page Layout
- Export Layout
- Import Layout
- Revert Changes for This Screen
- Launch in Microsoft Silverlight®

The main interface background shows sections like 'OVERVIEW', 'LATEST UPDATES', 'REVENUE (As of)', and 'ACCOUNT TEAM (2)'. The status bar at the bottom indicates 'Customers' and 'EDS LA PAZ'.

And now, let's test our work.

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## 1.3. Testing

I opened any Customer created before, and click on Edit Button.

The screenshot shows the SAP Hybris Cloud for Customer interface. The main area displays the 'OVERVIEW' tab for a customer record. On the left, there is a sidebar with various icons and dropdown menus. The central area contains sections for 'LATEST UPDATES', 'REVENUE (As of )', and 'ACCOUNT TEAM (2)'. At the bottom of the screen, there is a navigation bar with buttons like 'Edit', 'Actions', 'Summary', etc., and a search bar for 'EDS LA PAZ'.

All fields are enabled to edition. And then, selected the "Show Field 1" option.

This screenshot is similar to the previous one, but the 'View Option' dropdown menu is open, revealing three options: 'Show Field 1', 'Show Field 2', and 'Show Field 1'. The 'Show Field 1' option is highlighted with a mouse cursor.

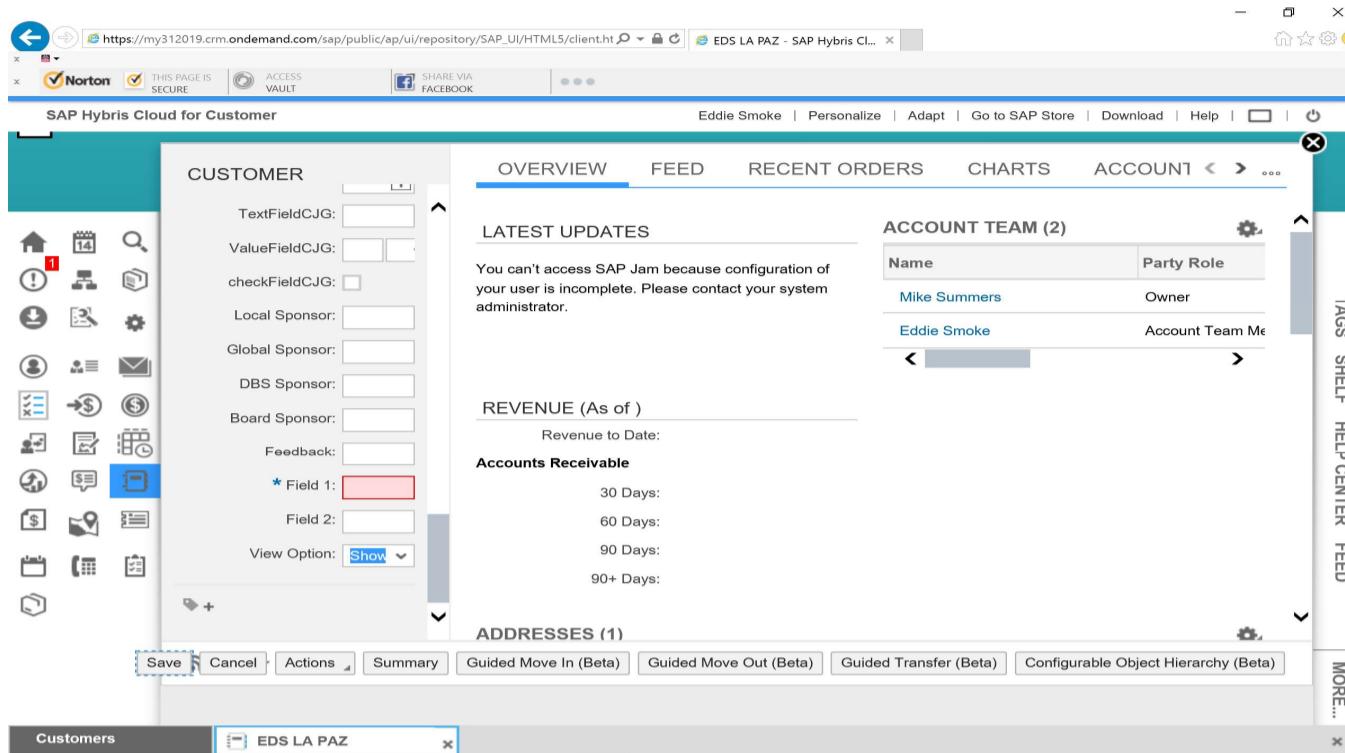
Notice the field are preceded by \* (It means obligatory field)

In this screenshot, the 'Field 1' input field under the 'View Option' dropdown is highlighted with a red border, indicating it is an obligatory field. The rest of the interface is identical to the previous screenshots.

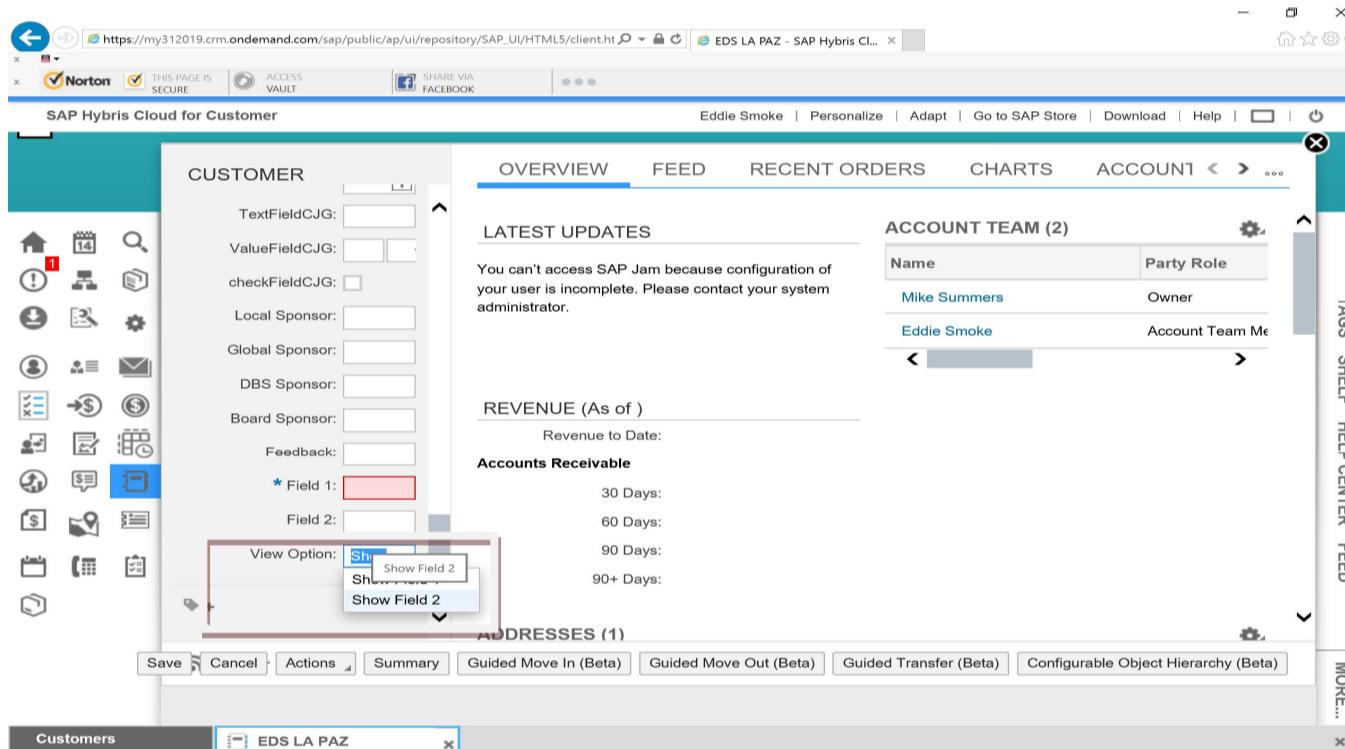
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And then, If I try to save the record, the field “Field 1” is painted by red. Indicating an alert to user. And not let the user proceed with Save operation.



And now, I will select the “Show Field 2” option.



Notice that obligatory mark disappeared on Field 1.

I told you, very cool!!

