



EXTENDER SAMPLE SCRIPT – O/E ORDER DETAIL SALES MARGIN VALIDATION

BUSINESS REQUIREMENT

This sample script can be attached to O/E Order Detail view (OE0500). It displays a message if the margin is less than 10%

KEY LEARNINGS

Formula calculation summary:

$\text{Sales Margin} = (\text{Extended Amount} - \text{Extended Cost}) / \text{Extended Amount} * 100$

If Sales Margin < Warning Percent, Display a message

SAMPLE FILES

OEOrderDetail_SalesMarginWarning.py

Upload it in Extender Setup > Scripts

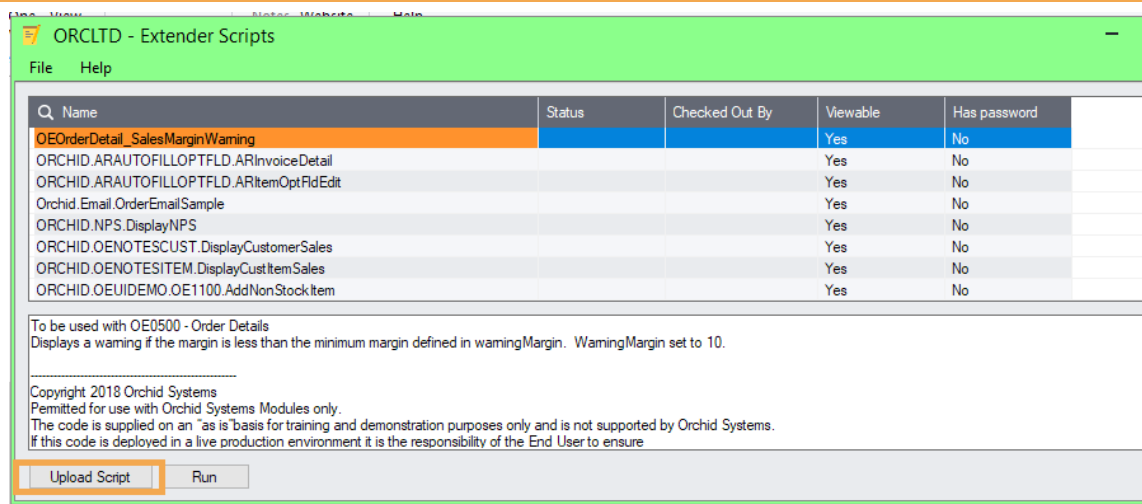
EXTENDER SETUP KEY STEPS

Refer to F1 help and online help for details

The scripts are added through the Extender's Scripts Screen.

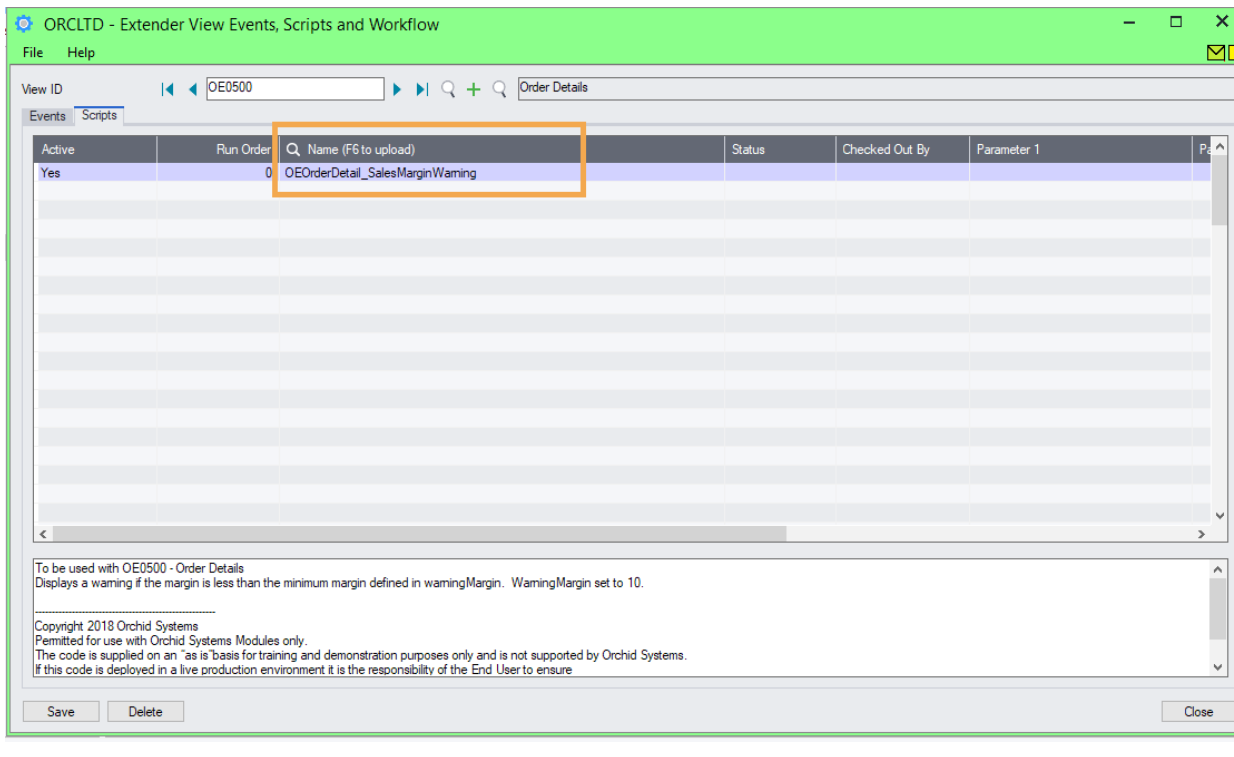
- Upload the script

O/E Sales Margin Validation sample script



Scripts can then be attached in View Events, Scripts and Workflow in the Extender setup menu.

- Create a new record by pressing the green icon with the plus sign.
- Enter the View ID of the view we need to subclass, in this example OE0500 (Order Detail).
- Create a new line in the entry grid.
- Select the script uploaded in the previous step
- Save the record by pressing the ADD button on the screen.



SCRIPT DETAIL

Enter a Sales Order in O/E . If the unit price is too low, you will get a warning message.

The screenshot shows the 'ORCLTD - O/E Order Entry' window. A warning message box is displayed over the table area, stating: 'Sales Margin -30.98% does not exceed the 10% threshold'. The message box has an 'OK' button.

The window contains the following fields and sections:

- Order No.:** NEW
- Customer No.:** 1200
- Mr. Ronald Black**
- Order Date:** 30/10/2019
- Order Type:** Active
- Ship-To Location:** Central warehouse - Seattle
- Deliver By:** 30/10/2019
- Ship Via:** CCT
- Description:**
- Table:**

ion	Deliver By	Exp. Ship Date	Qty. Ordered	Q. Order UOM	Q. Order Weight UOM	Price By	Pricing UOM	Unit Price
	30/10/2019	30/10/2019	1	Ea.	lbs.	Quantity	Ea.	29.99
- Summary Table:**

	Qty. on Hand	Qty. on Sales Order	Qty. on Purchase Order	Qty. Committed	Qty. Available
Location 1 (Ea.)	762	93	296	0	762
All Locations (Ea.)	1,287	114	472	0	1,287
- Order Subtotal:** 0.00 USD

The Python script will trigger and validate the sales margin when the user inserts or updates a Sales Order detail line. The default margin threshold is 10 percent. This value can be changed by opening up the script through Extender and amending the following line:

```
# Change the margin variable if you require something other than a 10 percent comparison.
warningMargin = 10
```

Save the script, then check it back in using Extender's Check-In functionality.

Requirement! This functionality is available in Extender Levels Customizer and Developer.