



Orchid Systems View Extender 2014

P/O Receipt Total Cost Validation

Setup Documentation

What's Included

A single custom Python script processed by View Extender implements the validation of a P/O receipt's extended cost, against the receipts parent P/O purchase order extended cost.

The formula used to calculate the cost margin comparison is:

$$\text{Cost Margin} = \text{abs} [(\text{Extended PO Cost} - \text{Extended Receipt Cost}) / \text{Extended PO Cost}] * 100$$

When the absolute value Cost Margin exceeds a predefined amount at the time the P/O receipt is posted, View Extender displays a warning message.

The script needs to be setup in V/E to trigger upon Sage ERP view events monitored by the View Extender module.

View Extender Setup

Setting up the Python3 Scripts to work with View Extender

The following screenshots illustrate the setup process for adding the custom Python scripts to View Extender.

Navigating to the View Extender Setup

The scripts are added through View Extenders' V/E View Events and Scripts UI which is located in the V/E setup menu.

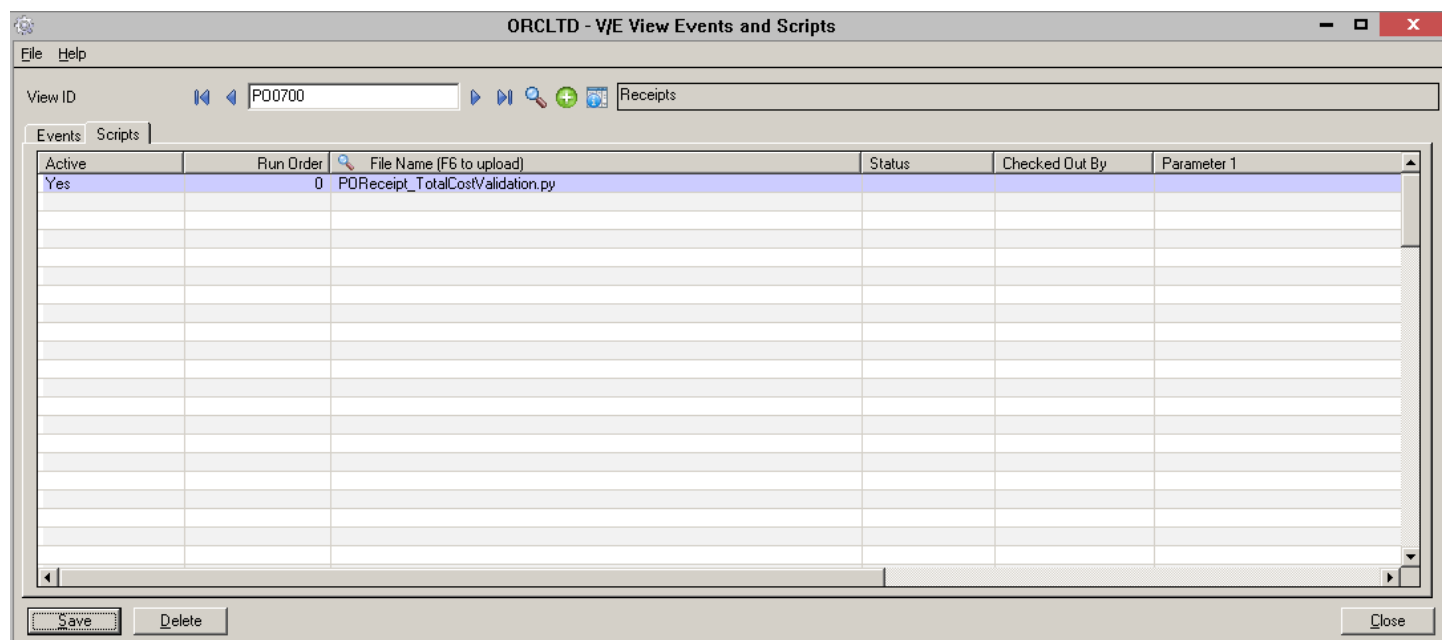
- Create a new record by pressing the green icon with the plus sign.
- Enter the View ID of the view we need to subclass as part of the integration to TSK.
- Create a new line in the entry grid.
- Press Function Key Six (F6). This will call up a Windows Explorer file select dialog window. Go to the location where the custom Python3 scripts are saved.
- Select the Python3 script relevant to the view id entered into the setup screen.
- Save the record by pressing the ADD button on the screen.

The script will now be saved away to be called up when that view is activated and used.

Setup for P/O Receipts

The P/O Receipt cost margin validation setup requires a V/E record:

- View ID: PO0700 – P/O Receipt
- Filename: POReceipt_TotalCostValidation.py



The Python script will trigger and validate the cost margin between the P/O receipt and its parent P/O purchase order when the user posts the receipt.

The default margin threshold is 10 percent.

This value can be changed by opening up the script through View 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 View Extender's Check-In functionality.

Note: in order to edit and save the script, it must first be Checked-Out through View Extender, edited, saved, then Checked-In through View Extender. View Extender will open the script in Notepad when using the F9 function key.

