

# VALIDATE VIEW FIELDS IN SAGE 300 WITH EXTENDER

## BUSINESS REQUIREMENT

A single custom Python script processed by Extender implements the validation of a field to be one of a list of valid values. The field to be validated and the list of valid values are passed into the script using parameters.

Requires Extender Developer Edition

## KEY LEARNINGS

View Script to prevent saving records

Using parameters

## STEPS TO INSTALL

Option 1: Upload the script in Scripts Screen and attach to view

- Upload script in Extender Scripts
- Add to view AR0024 in View Events, Scripts and Workflow

Option 2: You can also upload the script directly in View Events, Scripts and Workflow

- 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 monitoring the view's behavior.
- 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 scripts are saved.
- Select the Validate.py script relevant to the view id entered into the setup screen.
- Enter the field to be validated in Parameter 1 – See examples below
- Enter the valid field list into Parameter 2
- Save the record by pressing the ADD button on the screen.

## CONFIGURATION EXAMPLE

View ID: AR0024 – AR Customers

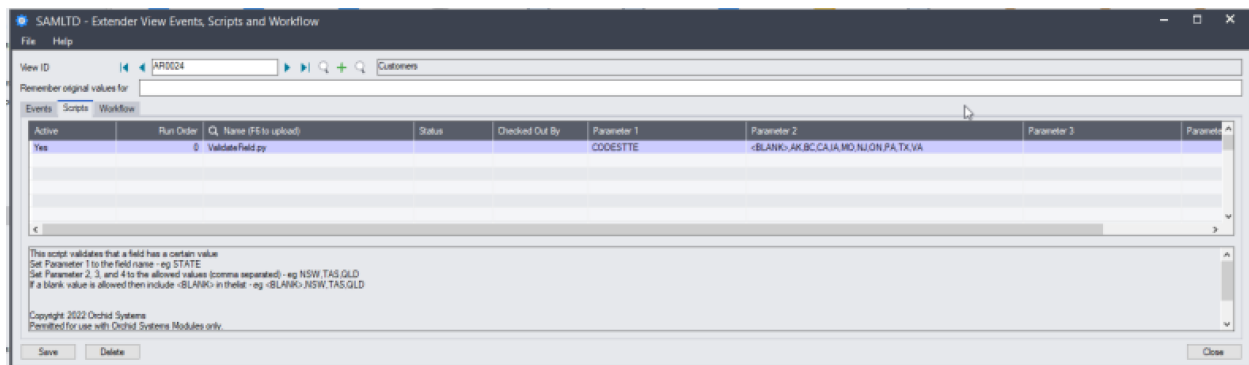
Filename: ValidateField.py

this script has 2 parameters

- Parameter 1 must be the field name you wish to validate (CODESTTE)
- Parameter 2 must be the list of allowed values (ACT,NT,NSW,SA,TAS,VIC,WA).
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Note : To allow a blank value, add <BLANK> to Parameter 2.

The Parameter 2 field would have been set to <BLANK>, ACT,NT,NSW,SA,TAS,VIC,WA



## VARIATIONS

Refer to F1 help and online help

- Apply to other views
- Designed and tested for a flat view, such as AR Customer
- When adding to a view like OE Orders or OE Credit Notes, may need to restrict, e.g Day End.

Refer to View scripts and Day End in Extender help

<https://help.orchid.systems/sage300addons/Content/Extender/VI-Training/ViewScriptTips.htm>

- Possible extension: validate based on a custom table