

# Validatrix Recipes

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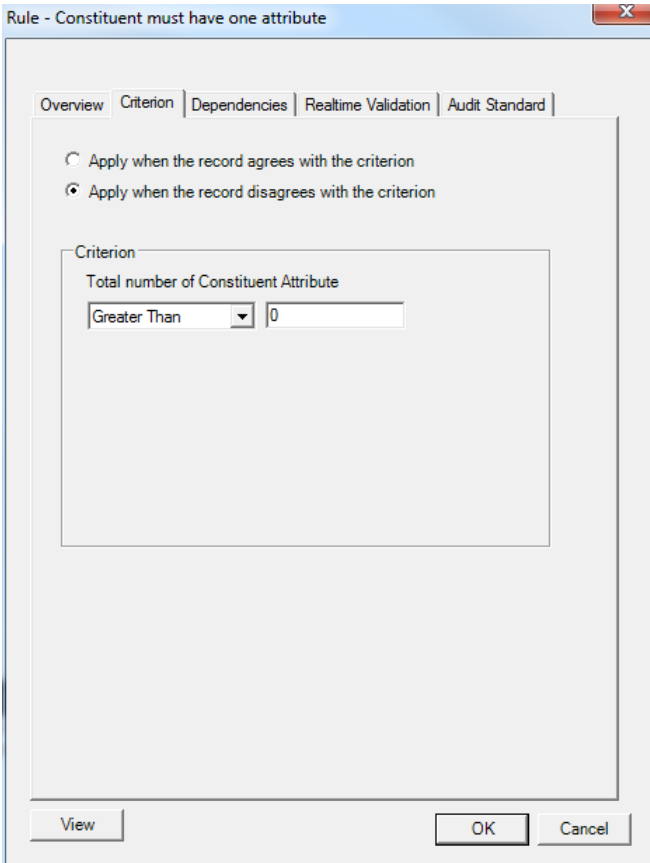
## 1. A constituent who has a VIP constituent code must have an origin constituent attribute.

### Overview

We first check to see if the constituent has the VIP constituent code. Since it is not possible to test for the lack of an attribute directly we must check to see if the constituent has no attributes. If they have no attributes or if none of the attribute categories are “Origin” then we display an error message.

### Recipe

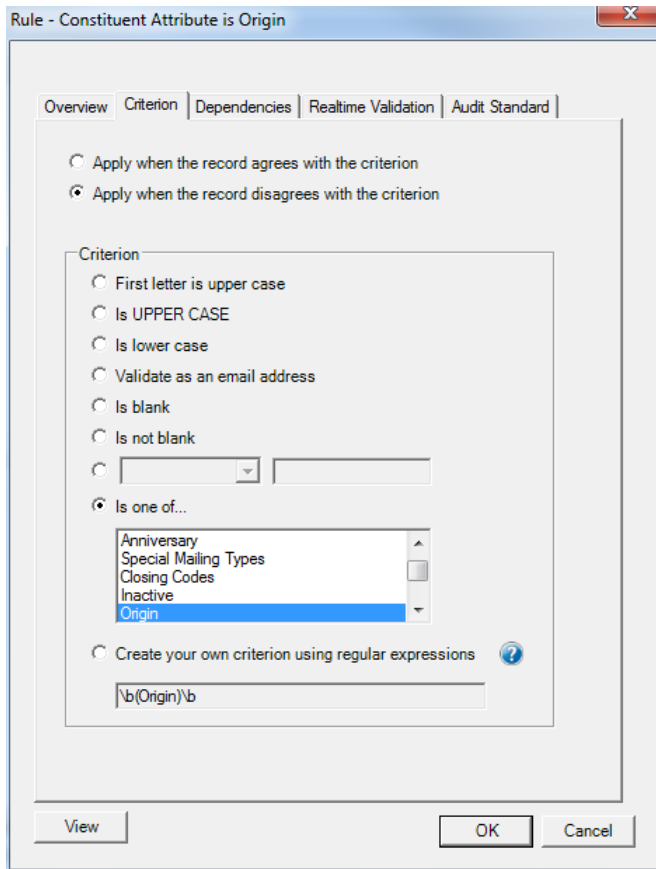
This recipe consists of three rules;  
A constituent has more than 0 attributes:



The screenshot shows a dialog box titled "Rule - Constituent must have one attribute" with a close button (X) in the top right corner. The dialog has several tabs: "Overview", "Criterion", "Dependencies", "Realtime Validation", and "Audit Standard". The "Criterion" tab is selected. Inside the dialog, there are two radio buttons: "Apply when the record agrees with the criterion" (unselected) and "Apply when the record disagrees with the criterion" (selected). Below the radio buttons is a section labeled "Criterion" containing a text box with the text "Total number of Constituent Attribute". Underneath this text box is a dropdown menu set to "Greater Than" and a text input field containing the number "0". At the bottom of the dialog, there are three buttons: "View", "OK", and "Cancel".

A constituent doesn't have the “Origin” attribute category.





A constituent has a constituent code of "VIP". The rule is applied to one or more constituent attributes because we only want there to be one or more VIP attribute (the alternative is that the record just consists of VIP attributes which would be incorrect):



Rule - Constituent Attribute is Origin

Overview | Criterion | Dependencies | Realtime Validation | Audit Standard

This rule will act on the Category field (on a Constituent Attribute)

Rule Name

Description

This rule should apply to one or more Constituent Attribute records  
 This rule should apply to all Constituent Attribute records

View OK Cancel

Rule - Constituent Attribute is Origin

Overview | Criterion | Dependencies | Realtime Validation | Audit Standard

Apply when the record agrees with the criterion  
 Apply when the record disagrees with the criterion

Criterion

First letter is upper case  
 Is UPPER CASE  
 Is lower case  
 Validate as an email address  
 Is blank  
 Is not blank  
    
 Is one of...  
 Create your own criterion using regular expressions

View OK Cancel



This final rule contains the previous two as dependencies. It applies its rule to one or more constituent code (again there is no requirement that all constituent codes be VIP or that VIP is the only constituent code)

Rule - Constituent is a VIP

Overview | Criterion | Dependencies | Realtime Validation | Audit Standard

This rule will act on the Code field (on a Constituent Code)

Rule Name  
Constituent is a VIP

Description

This rule should apply to one or more Constituent Code records  
 This rule should apply to all Constituent Code records

View OK Cancel



Rule - Constituent is a VIP

Overview | Criterion | Dependencies | Realtime Validation | Audit Standard

This rule will act on the Code field (on a Constituent Code)

Rule Name

Description

This rule should apply to one or more Constituent Code records  
 This rule should apply to all Constituent Code records

View OK Cancel

Rule - Constituent is a VIP

Overview | Criterion | Dependencies | Realtime Validation | Audit Standard

All of these rules must be met

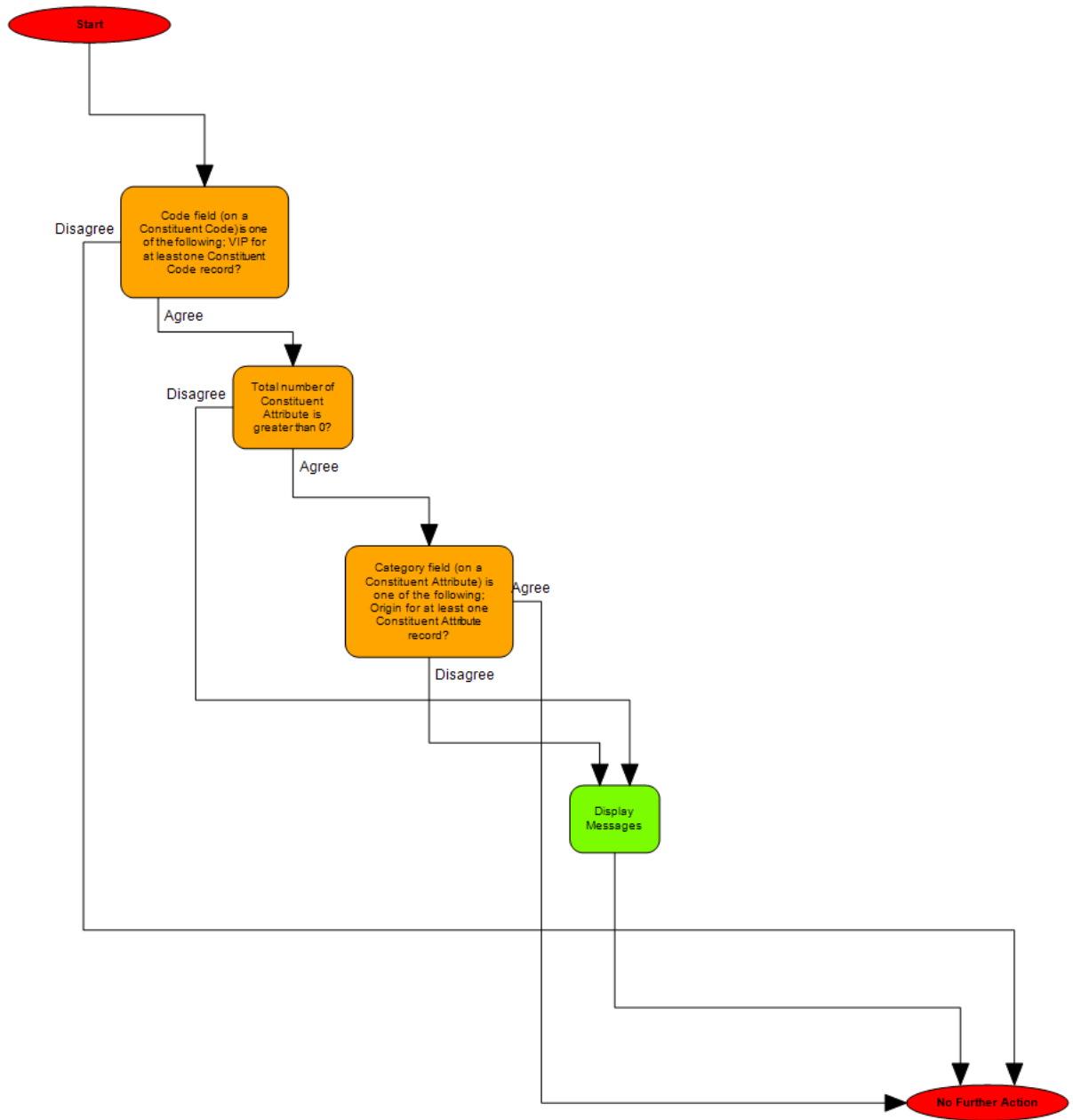
At least one of these rules must be met

None of these rules must be met

View OK Cancel



Finally we can see the flowchart that this produces:



## 2. If a constituent has no addresses with the “Send mail to this Address” flag ticked then the “Has No Valid Address” flag should also be ticked

### Overview

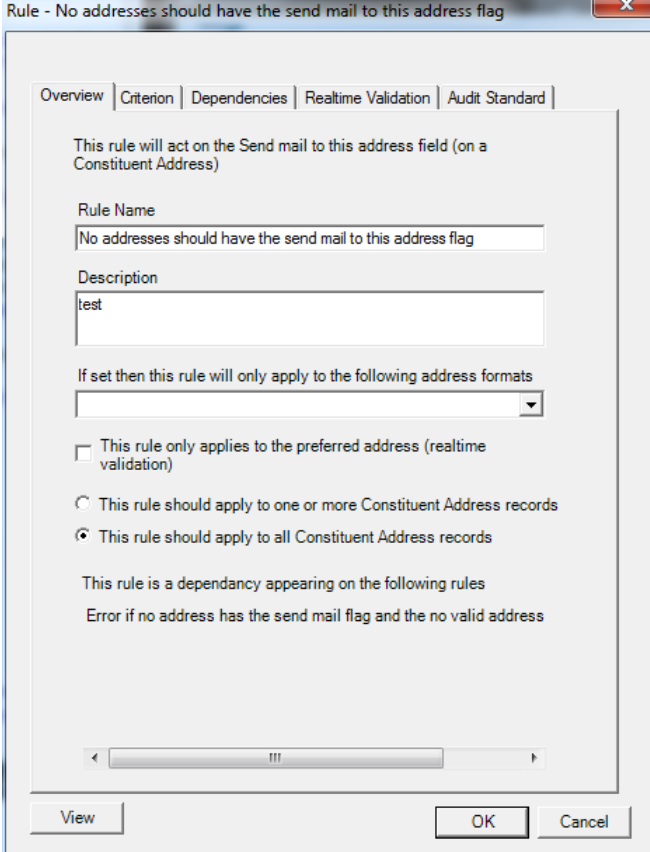
We check to see if the send mail tick box is ticked on any address. If it is not and the “Has No Valid Address” check box is not ticked then the rule is invoked.

### Recipe

This recipe consists of two rules;

The constituent address has a “Send Mail to this Address” check box checked.

This is applied to all addresses (the “This rule only applies to the preferred address” tick box is not ticked). The radio button “This rule should apply to all constituent address records” should also be selected. This will ensure that the rule will only be enforced if all addresses have the “send mail” flags unchecked.



The screenshot shows a dialog box titled "Rule - No addresses should have the send mail to this address flag". The dialog has several tabs: "Overview", "Criterion", "Dependencies", "Realtime Validation", and "Audit Standard". The "Overview" tab is selected. The text inside the dialog reads: "This rule will act on the Send mail to this address field (on a Constituent Address)". Below this, there are two text input fields: "Rule Name" with the value "No addresses should have the send mail to this address flag" and "Description" with the value "test". There is a dropdown menu for "If set then this rule will only apply to the following address formats" which is currently empty. Below the dropdown are three radio button options: "This rule only applies to the preferred address (realtime validation)" (unchecked), "This rule should apply to one or more Constituent Address records" (unchecked), and "This rule should apply to all Constituent Address records" (checked). At the bottom, there is a text area for dependencies: "This rule is a dependency appearing on the following rules" followed by "Error if no address has the send mail flag and the no valid address". At the very bottom of the dialog are three buttons: "View", "OK", and "Cancel".





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Rule - No addresses should have the send mail to this address flag

Overview | Criterion | Dependencies | Realtime Validation | Audit Standard

Apply when the record agrees with the criterion  
 Apply when the record disagrees with the criterion

Rule

Send mail to this address

Is checked  
 Is unchecked

View OK Cancel

This rule is a dependency of the following rule:  
The “Has No Valid Address” field should not be ticked.



Rule - Error if no address has the send mail flag and the no valid address fla... [X]

Overview | Criterion | Dependencies | Realtime Validation | Audit Standard

Apply when the record agrees with the criterion  
 Apply when the record disagrees with the criterion

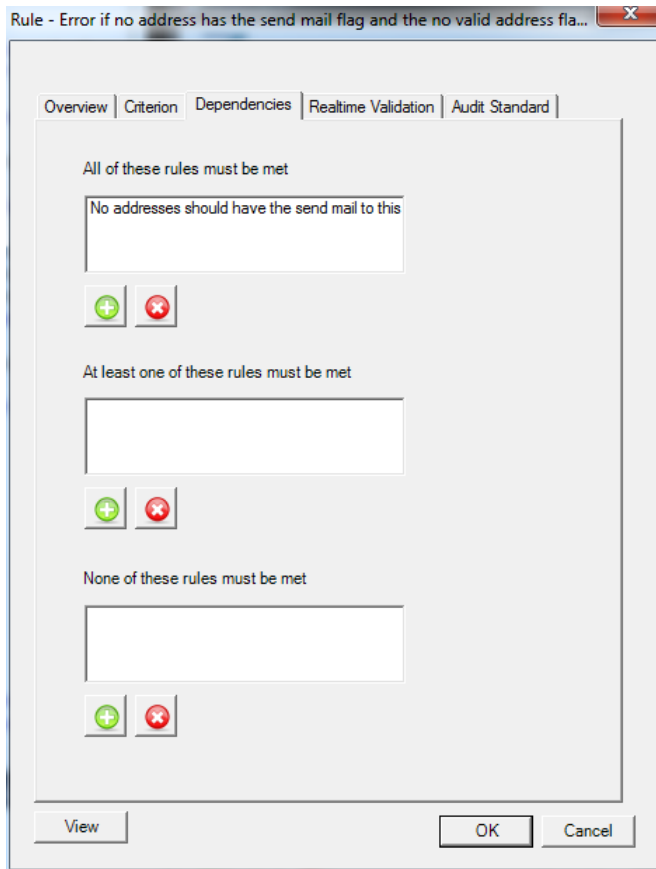
Rule

No Valid Addresses

Is checked  
 Is unchecked

View OK Cancel





This produces the following flow:



