



# Training Support Document



# How to Create a Unique Counter ID Using a Handler

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<b>Admin Privileges Required:</b>	Yes
<b>Rsam Versions Supported:</b>	All
<b>Notes:</b>	Rsam Version 9.2 Supports an incremental attribute (number) which is useful for pure sequential numbering. There may be times when a handler offers better configuration options to suit your own requirements and provide enhanced functionality.
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<b>Contact:</b>	Please contact <a href="mailto:rsamforums@rsam.com">rsamforums@rsam.com</a> with any errors with this document.

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1. Create numeric counter attribute for the counter and a text attribute for the ID.

Update Attribute Type

Attribute Type Name:  
Counter (UID)

Admin Name:  
SIRP: Counter (UID)

Description/Question:  
Counter (UID)

Tooltip Text:

Response Type:  
Number  Sequential Number

Default On-Screen Visibility:  
Visible

Answer is Required  
 Answer is Optional

Read Only Attribute (can only be modified by the administrators)  
 Hide in Search Criteria and Default Reports

Default Value for new Records/Objects:

Save Close

2. Create handler that formats the ID and increments the counter.

Update Event Handler

Handler Name:  
SIRP: Incident - Initialize Incident Record

Handler Description:

Handler Type:  
Record

Criteria to check for

Is this an Incident? 1

Actions to perform

Action	Order
Generate UID	1
Increment Counter	2
Write Date Created	3
Write Time Created	4

Add Edit Delete

Save Close

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3. And include the counter attribute as part of the ID text attribute.

The screenshot shows the 'Update Action' configuration window for 'Generate UID'. The 'Action Name' is 'Generate UID', 'Execution Scope' is 'The targeted record', and 'Action Type' is 'Modify a record's attribute'. The 'Action Selections' are set to 'SIRP: Incident ID'. The 'Formula' field contains the expression: `INCIDENT.[TRPOI].[@@SIRP: Year (UID)].[TRPOI].[@@SIRP: Counter (UID)]`. A red callout bubble points to the 'SIRP: Incident ID' selection with the text 'ID is text attribute'. Another red callout bubble points to the formula field with the text: 'ID value can include a concatenation of characters, static numbers, attributes, date, user name, user id, etc. There's a host of possibilities... And although it's usually logical to place the numeric "Counter" attribute at the end of the string, it can be placed anywhere in this string.' The 'Helpful Information' section says 'Select the attribute to modify and the value to set it to'. There are 'Save' and 'Close' buttons at the bottom right.

4. Set the Counter to increment each time

(Note: there is an option to restart counter at '1' for each record type/object type if desired)

The screenshot shows the 'Update Action' configuration window for 'Increment Counter'. The 'Action Name' is 'Increment Counter', 'Execution Scope' is 'The targeted record's parent object (immediate)', and 'Action Type' is 'Increment attribute counter', which is highlighted with a red arrow. The 'Action Selections' are set to 'SIRP: Counter (UID)'. There is an unchecked checkbox labeled 'Restart counter at "1" for each record type / object type'. The 'Helpful Information' section says 'Select the attribute to increment by 1'. There are 'Save' and 'Close' buttons at the bottom right.