

## 4.8 Rule Action Models

A set of Rule Action Models for ShowAction and InsertAction are displayed below. The behavior of these particular actions is complex and depends on a large number of factors. The diagrams below provide a map of the logic followed by the application when executing these actions, and illustrates the different ways groups and items are treated depending on their characteristics (such as whether a referenced item is part of a repeating or non-repeating group).

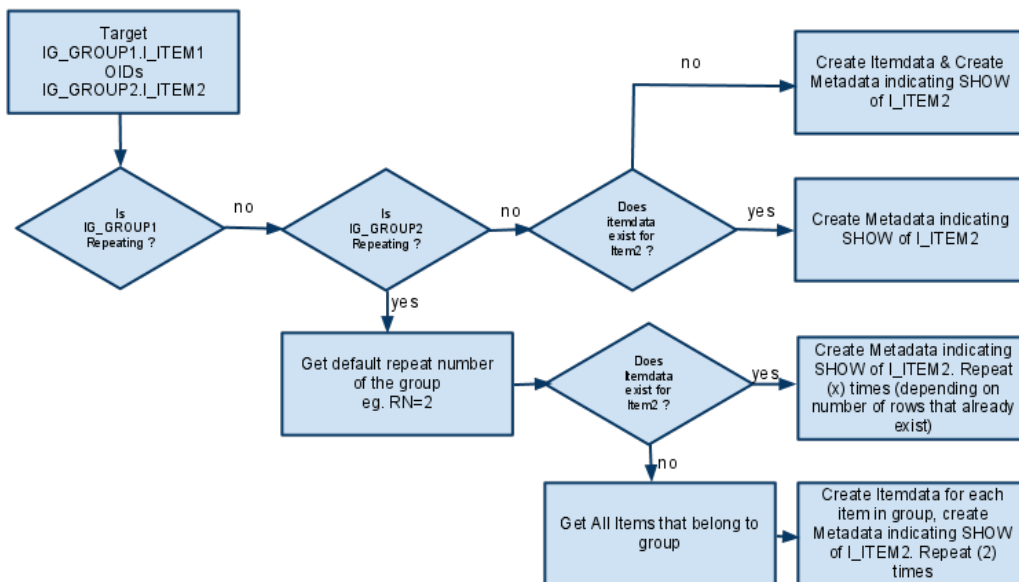
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### 4.8.1 ShowAction Models

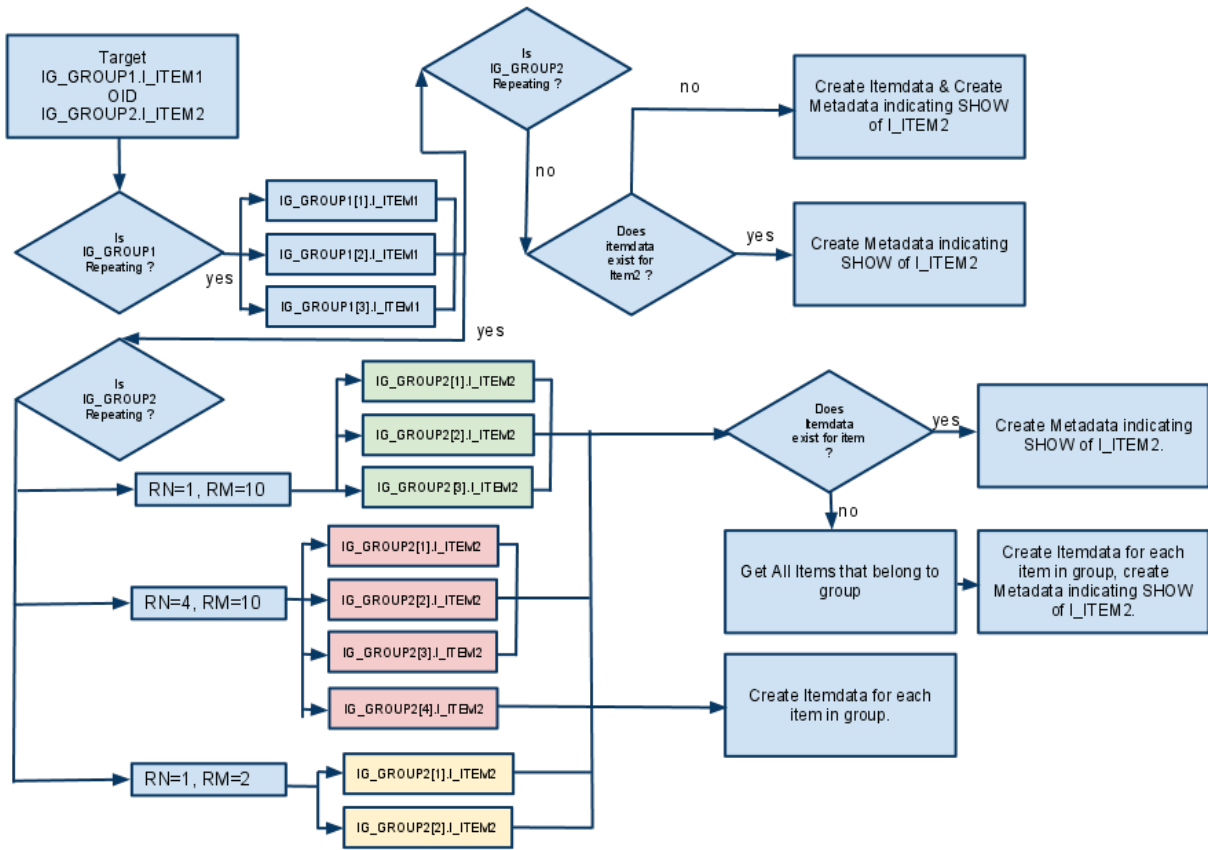
#### SHOW Action - A

IG\_GROUP1 : Non Repeating Group  
 IG\_GROUP2 : Group  
 I\_ITEM1 : Item1  
 I\_ITEM2 : Item2



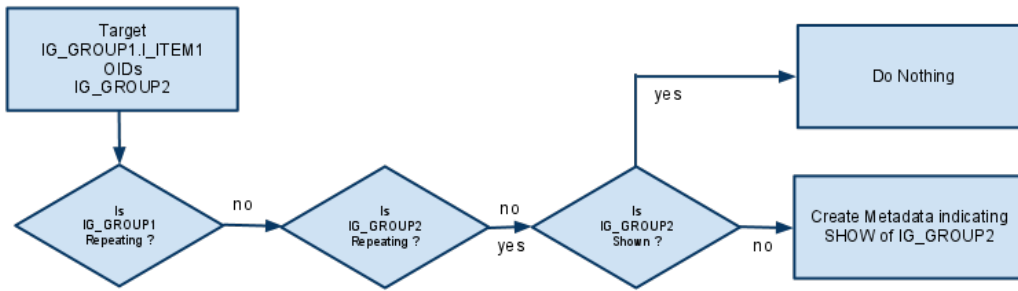
### SHOW Action - B

IG\_GROUP1[ALL]: Repeating Group  
 IG\_GROUP2: Group  
 I\_ITEM1: Item1  
 I\_ITEM2: Item2



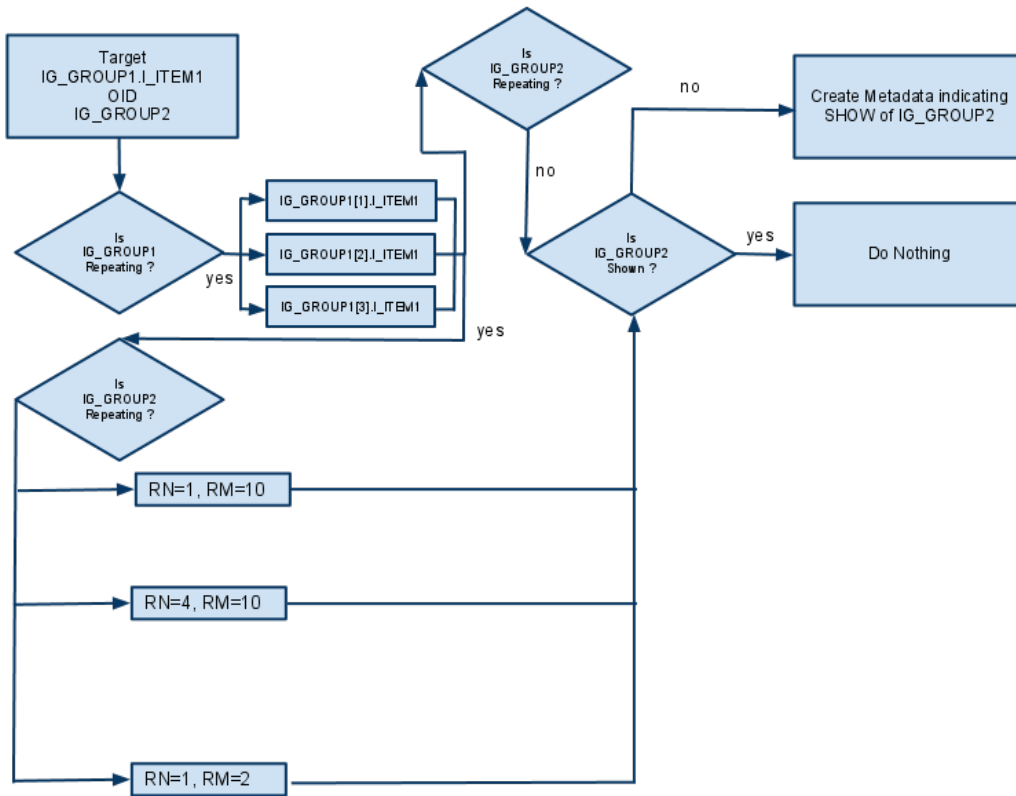
### SHOW Action - C

IG\_GROUP1 : Non Repeating Group  
IG\_GROUP2 : Group  
I\_ITEM1 : Item1  
I\_ITEM2 : Item2



## SHOW Action - D

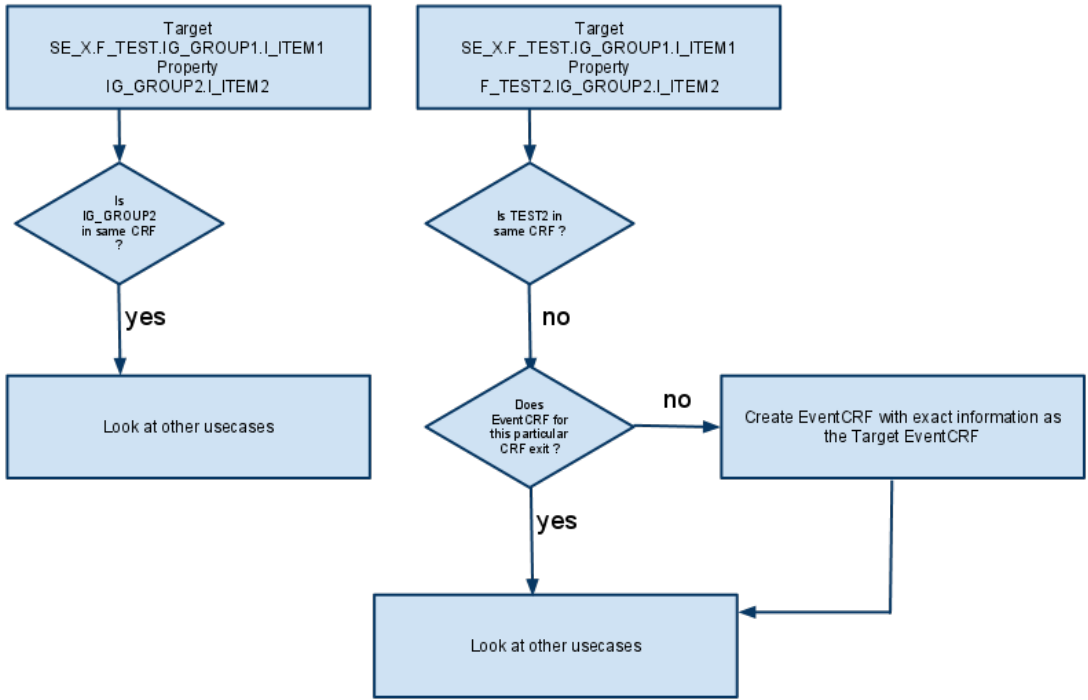
IG\_GROUP1 : Repeating Group  
IG\_GROUP2 : Group  
I\_ITEM1 : Item1  
I\_ITEM2 : Item2



## 4.8.2 InsertAction Models

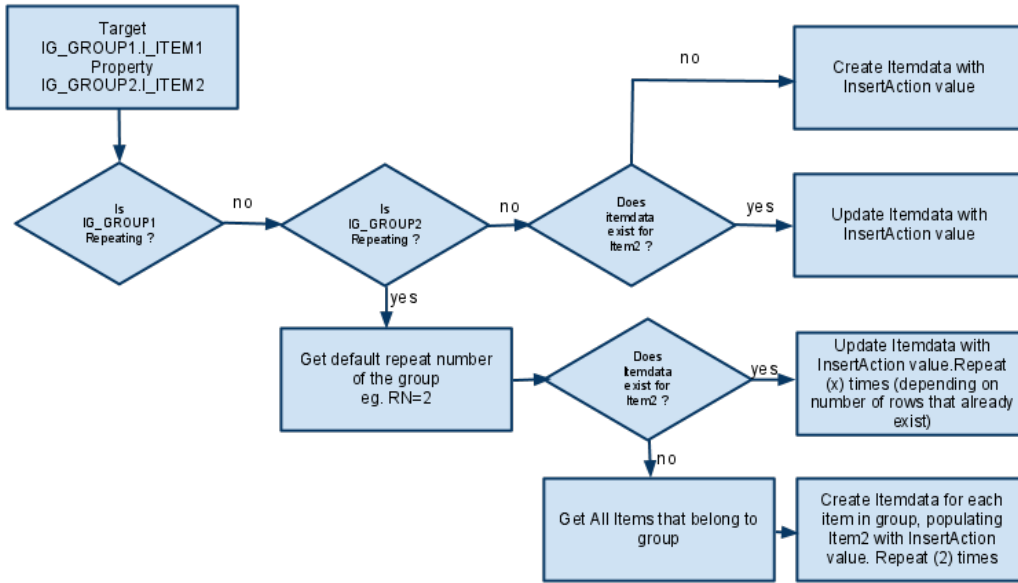
InsertAction - A1

IG\_GROUP1 : Non Repeating Group  
IG\_GROUP2 : Group  
I\_ITEM1 : Item1  
I\_ITEM2 : Item2  
RN : Repeat number  
RM : Repeat max



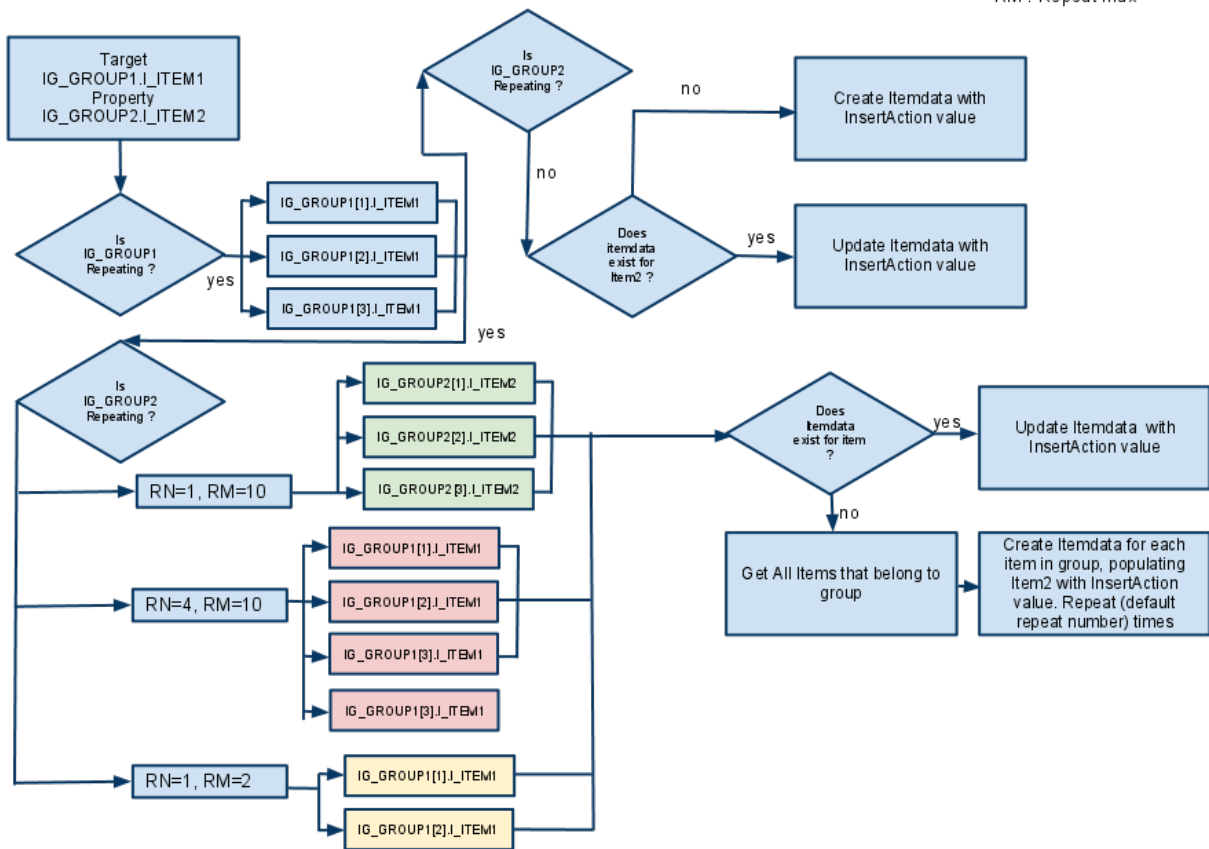
# InsertAction - A2

IG\_GROUP1 : Non Repeating Group  
IG\_GROUP2 : Group  
I\_ITEM1 : Item1  
I\_ITEM2 : Item2  
RN : Repeat number  
RM : Repeat max



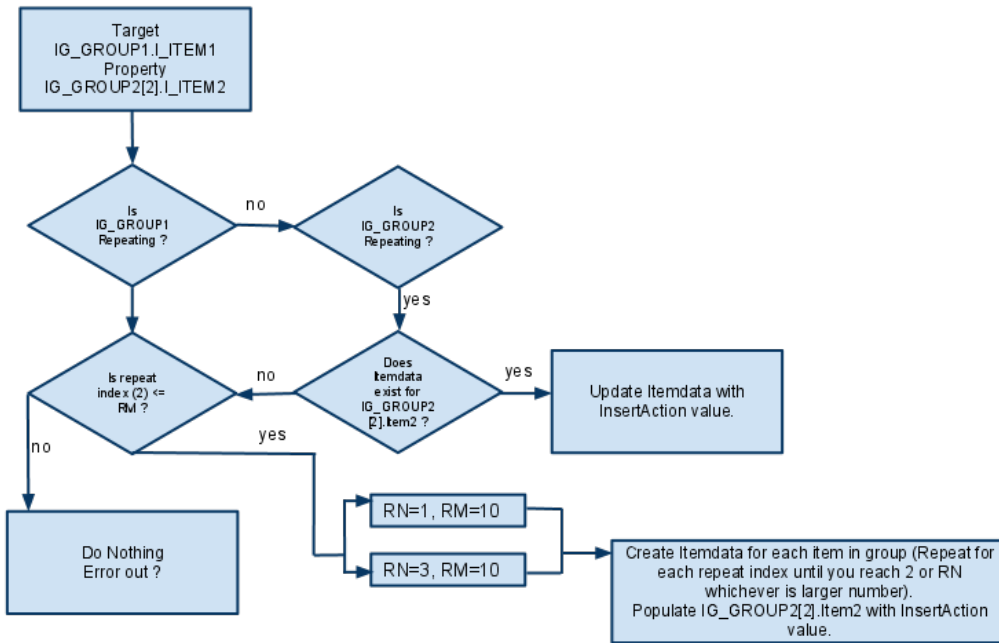
# InsertAction - B

IG\_GROUP1 : Repeating Group  
 IG\_GROUP2 : Group  
 I\_ITEM1 : Item1  
 I\_ITEM2 : Item2  
 RN : Repeat number  
 RM : Repeat max



# InsertAction - C

IG\_GROUP1 : Non Repeating Group  
IG\_GROUP2 : Repeating Group  
I\_ITEM1 : Item1  
I\_ITEM2 : Item2  
RN : Repeat Number  
RM : Repeat Max





# InserAction - D

IG\_GROUP1 : Repeating Group  
 IG\_GROUP2 : Group  
 I\_ITEM1 : Item1  
 I\_ITEM2 : Item2  
 RN : Repeat number  
 RM : Repeat max

