A2J Author®
New User Training

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Nested Repeat Loops

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Agenda

- Repeat Loops in A2J & HotDocs – the problem
- The Solution
- Creating the A2J Guided Interview
- The HotDocs component
- Demo
- Questions

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The Problem

- HotDocs Explicit Indexing: two-digit

  Ex. Child first name TE [2]

  Child city TE [2,1]

- A2J's Explicit Indexing: one indexing or counting variable at a time

  Ex. Child first name TE [2]

  Child City TE [21]

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The Solution: A Work Around

A2J Counter Variable	Corresponding HotDocs Variable	Purpose
OutsideCount	ParentCtr NU	Tracks outside or parent loops
InsideCount	ChildCtr NU	Tracks inside or child loops
AbsoluteCount	ExpIndex NU	Unique index for each answer in the child loops
Array size NU	Array size NU	Maximum number of answers in any child loop
ICap NU	ICap NU	Total iterations in any given child loop

Child Loop Variables

Unlike most interviews, the HotDocs variables for the inner or child loops are not going to be used in the A2J Guided Interview.

Instead, we will create distinct A2J variables and HotDocs variables for the inner loops.

A HotDocs computation will parse and map the A2J variables to the corresponding HotDocs variables to simulate explicit indexing.

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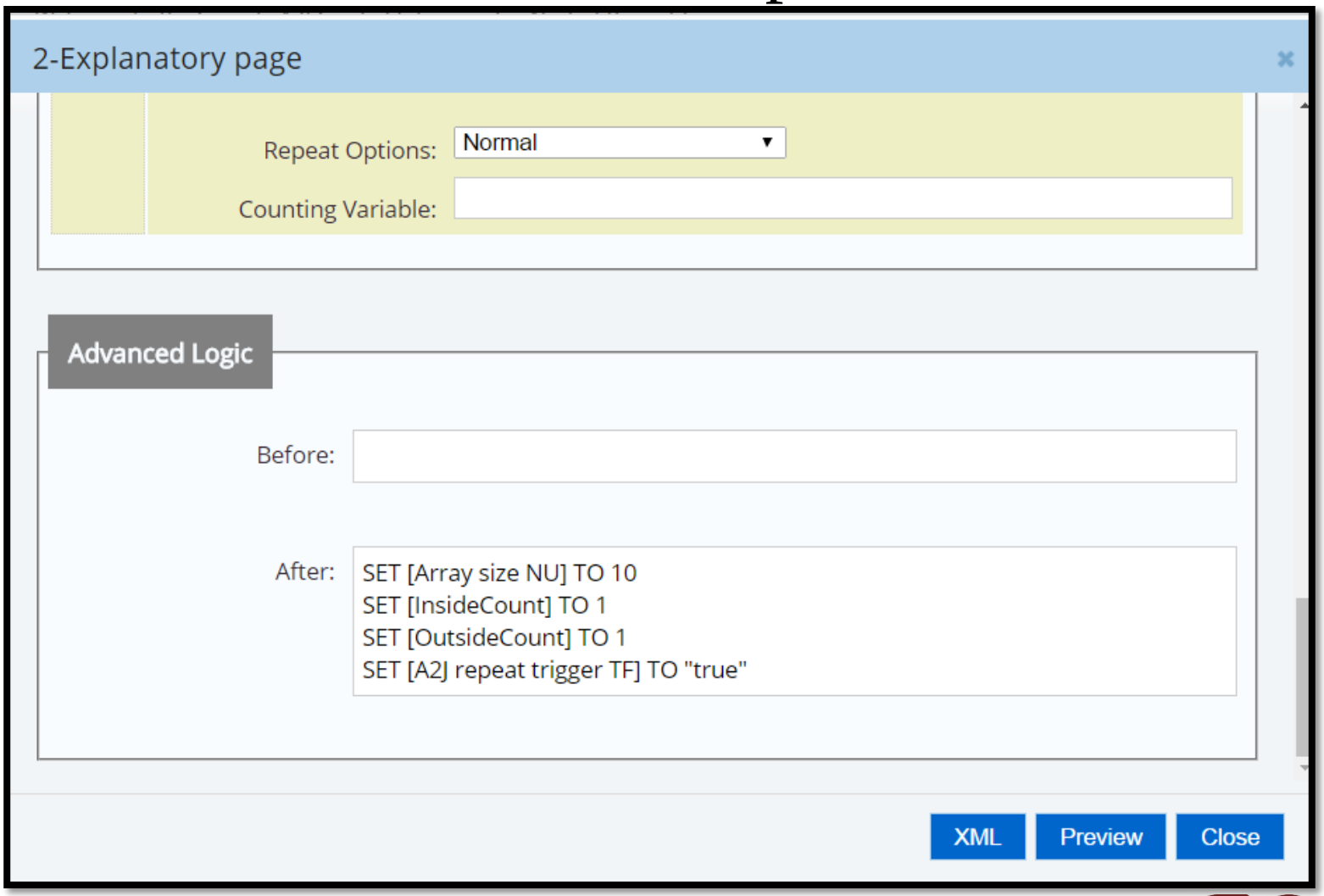
The A2J Component



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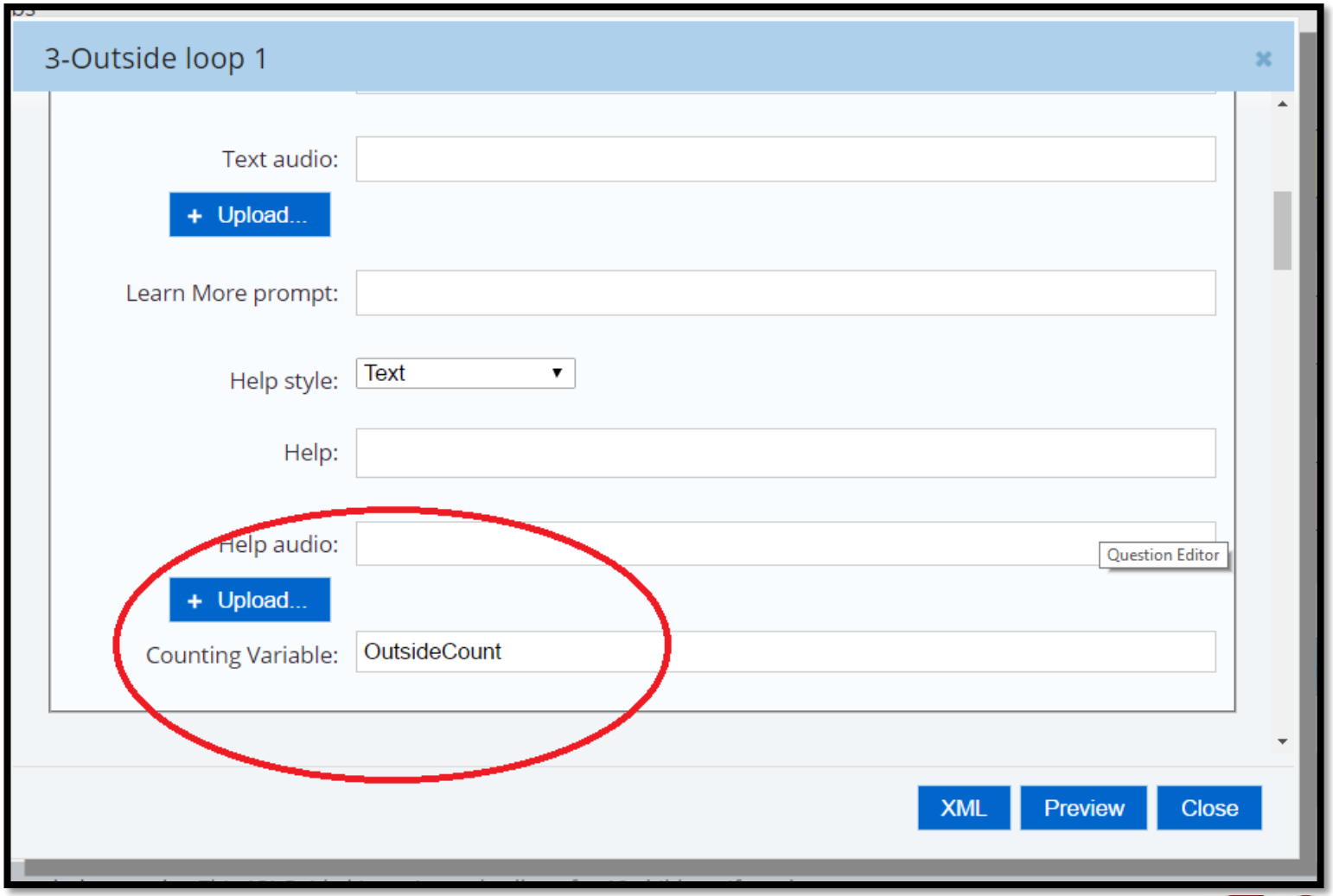

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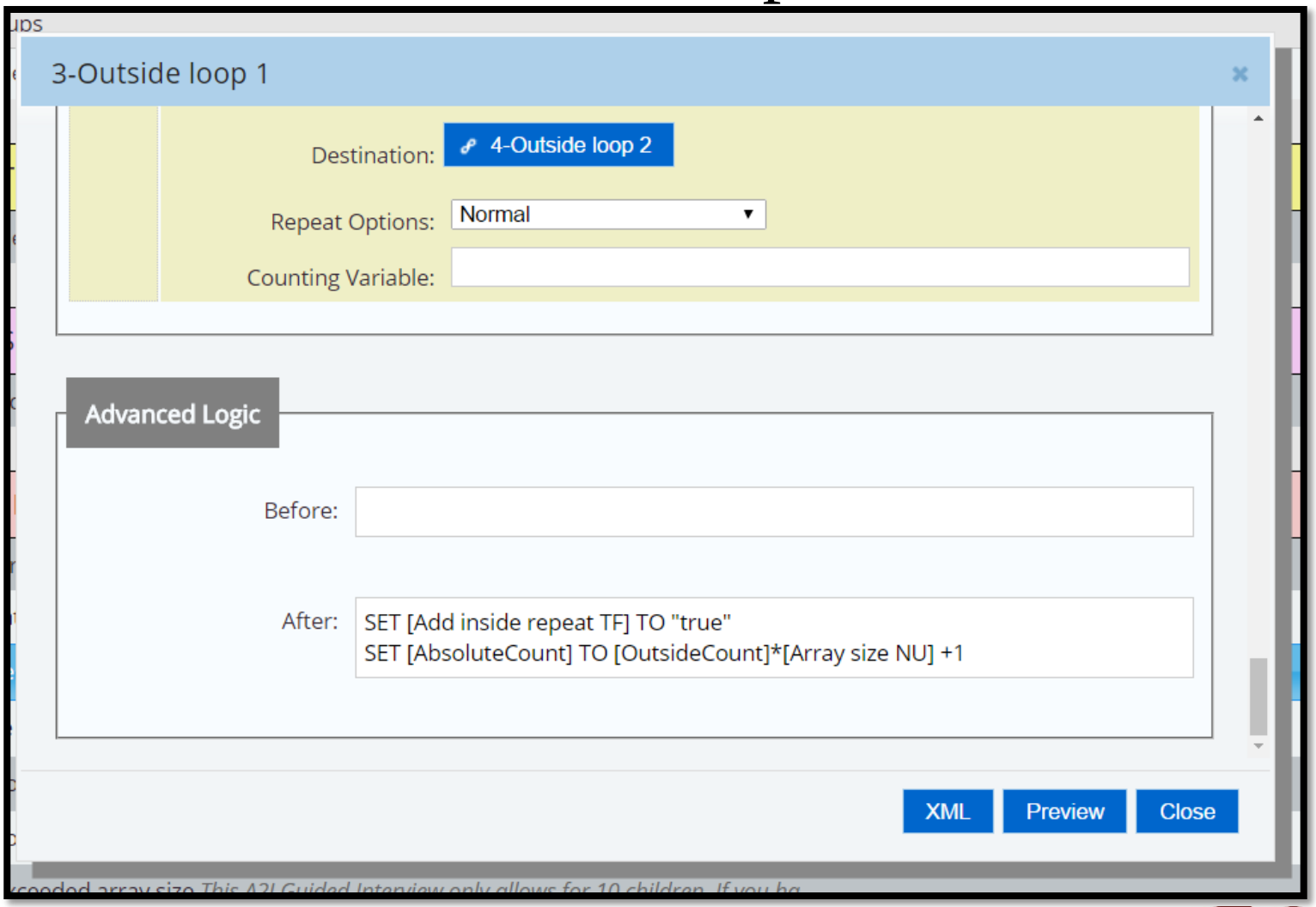

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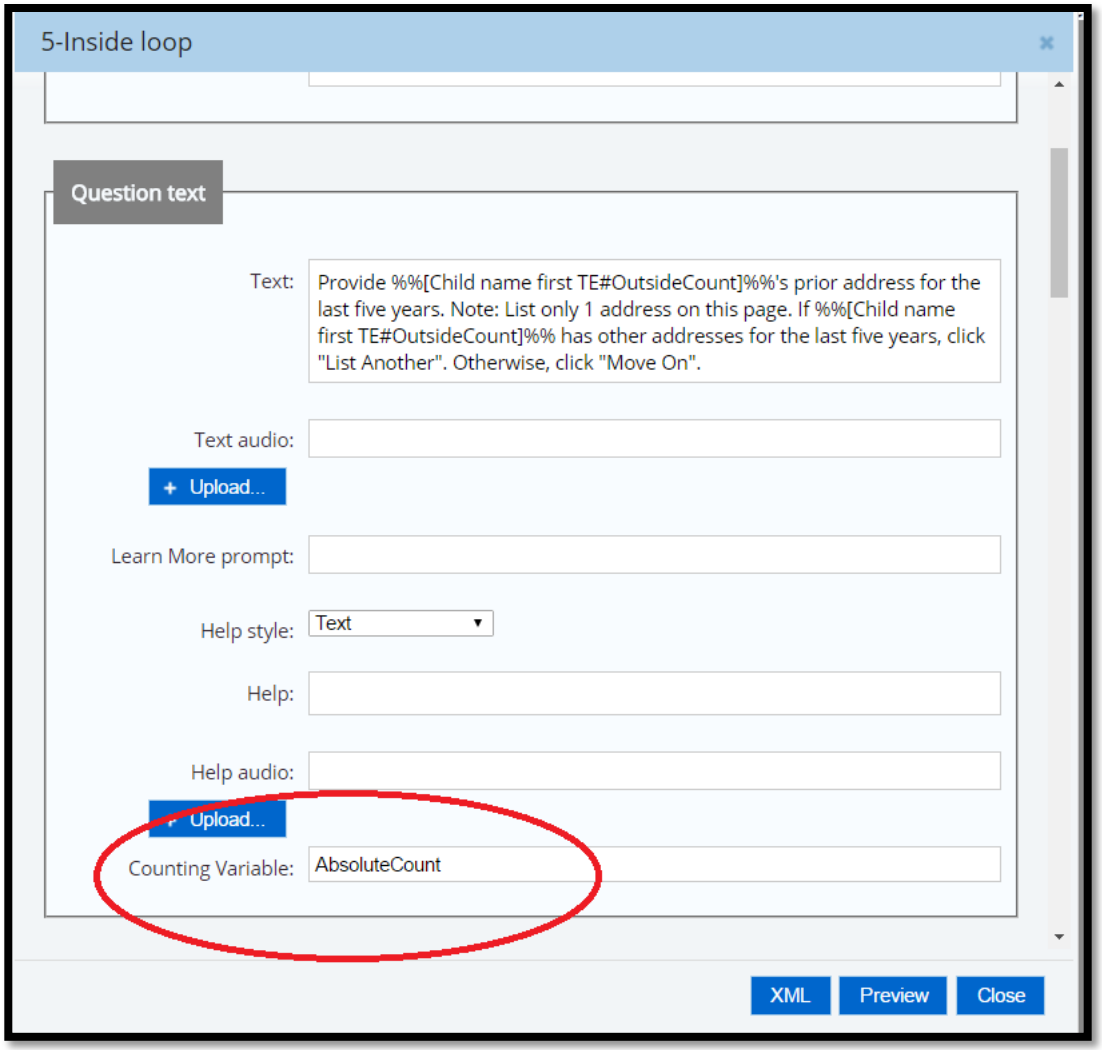

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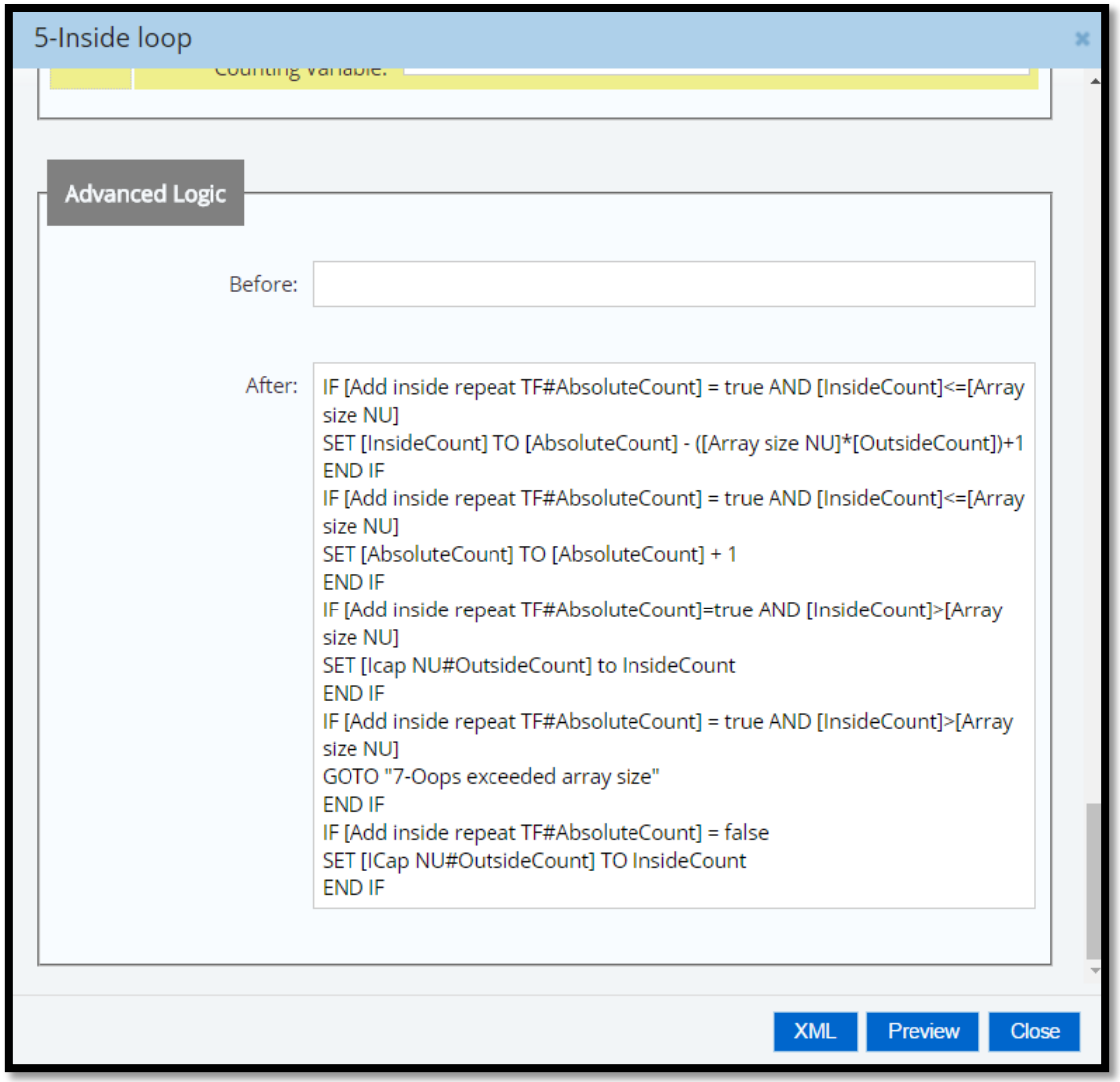

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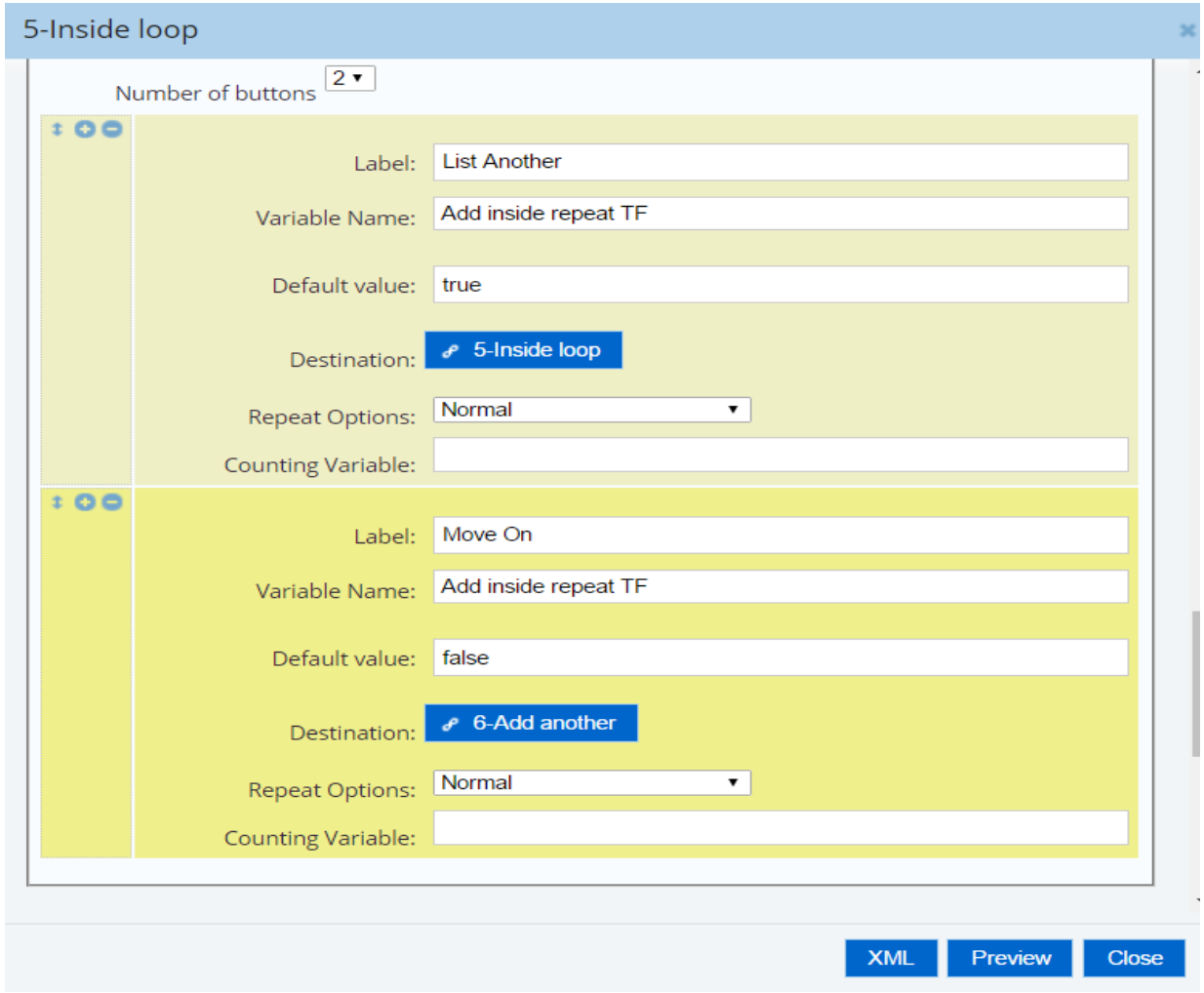
The Advanced Section Broken Down

	Condition	Action	Explanation
1	[Add inside repeat TF#AbsoluteCount] = true AND InsideCount<= [Array size NU]	IF TRUE THEN SET InsideCount=[AbsoluteCount]-[Array size NU]*[OutsideCount]+1	Increments InsideCount if InsideCount is less than or equal to Array size NU.
2	[Add inside repeat TF#AbsoluteCount]=true AND [InsideCount]<=[Array size NU]	IF TRUE THEN SET AbsoluteCount=AbsoluteCount + 1	Increments AbsoluteCount if InsideCount is less than or equal to Array size NU
3	[Add inside repeatTF#AbsoluteCount]=true AND [InsideCount]>[Array size NU]	IF TRUE THEN SET ICap NU#OutsideCount=InsideCount	Sets the Iteration Cap counter (ICap NU) for this outer loop to the value of InsideCount if InsideCount is greater than Array size NU
4	[Add inside repeat TF#AbsoluteCount]=true AND [InsideCount]>[Array size NU]	IF TRUE THEN GOTO (2)1-Oops!	Moves to the error message if the user tries to enter an 11th city.
5	[Add inside repeat TF#AbsoluteCount]=false	IF TRUE THEN SET ICap NU#OutsideCount= InsideCount	If Move On is selected, locks the Iteration cap (ICap NU) for the outer loop to the value of InsideCount, which is not incremented.

The Two Most Important Buttons



List Another Button

Move On Button

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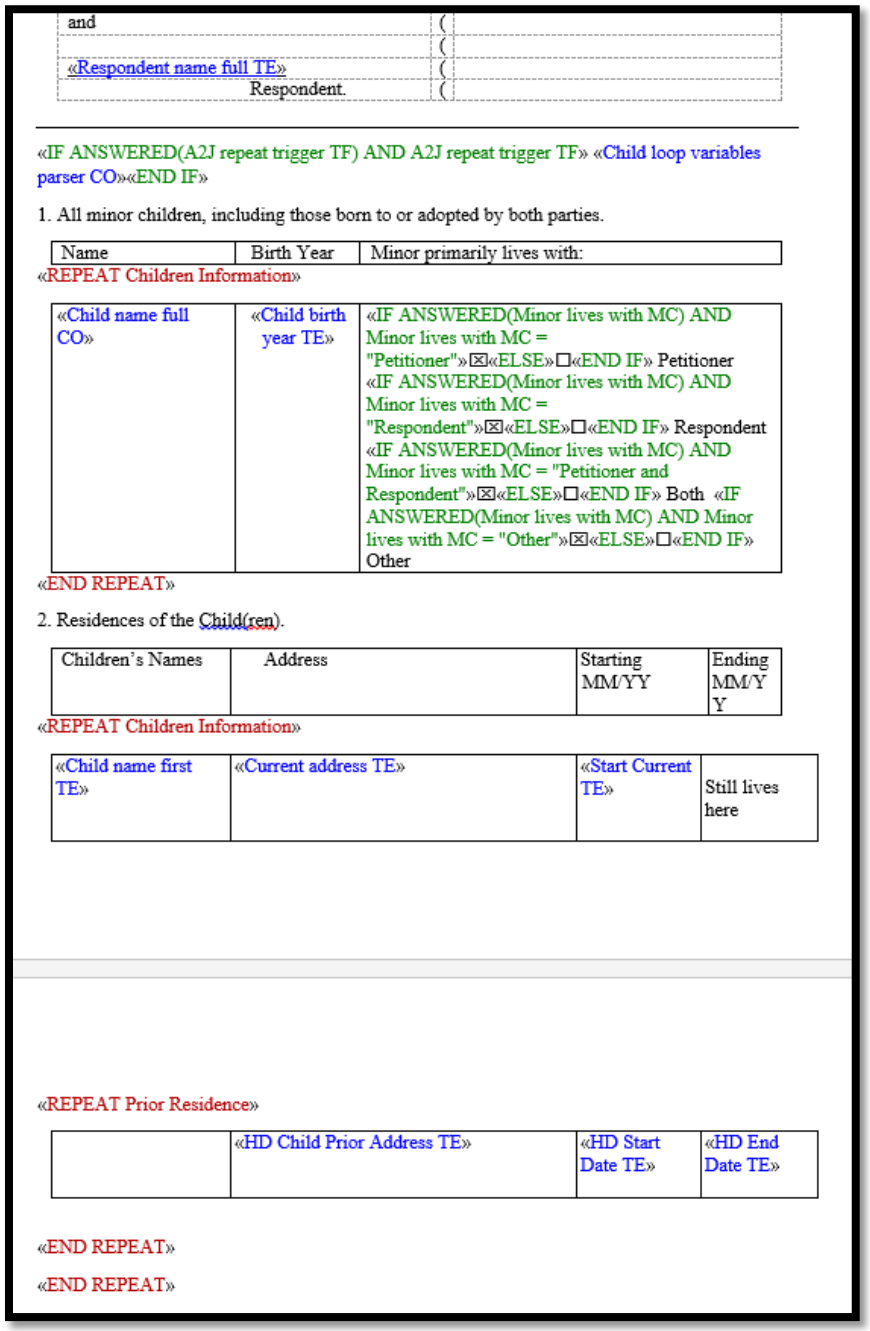
The HotDocs Component



and	(
	(
«Respondent name full TE»	(
Respondent.	(

«IF ANSWERED(A2J repeat trigger TF) AND A2J repeat trigger TF» «Child loop variables parser CO»«END IF»

1. All minor children, including those born to or adopted by both parties.

Name	Birth Year	Minor primarily lives with:
«REPEAT Children Information»		
«Child name full CO»	«Child birth year TE»	«IF ANSWERED(Minor lives with MC) AND Minor lives with MC = "Petitioner"»☒«ELSE»☐«END IF» Petitioner «IF ANSWERED(Minor lives with MC) AND Minor lives with MC = "Respondent"»☒«ELSE»☐«END IF» Respondent «IF ANSWERED(Minor lives with MC) AND Minor lives with MC = "Petitioner and Respondent"»☒«ELSE»☐«END IF» Both «IF ANSWERED(Minor lives with MC) AND Minor lives with MC = "Other"»☒«ELSE»☐«END IF» Other
«END REPEAT»		

2. Residences of the Child(ren).

Children's Names	Address	Starting MM/YY	Ending MM/YY
«REPEAT Children Information»			
«Child name first TE»	«Current address TE»	«Start Current TE»	Still lives here

«REPEAT Prior Residence»

	«HD Child Prior Address TE»	«HD Start Date TE»	«HD End Date TE»

«END REPEAT»

«END REPEAT»

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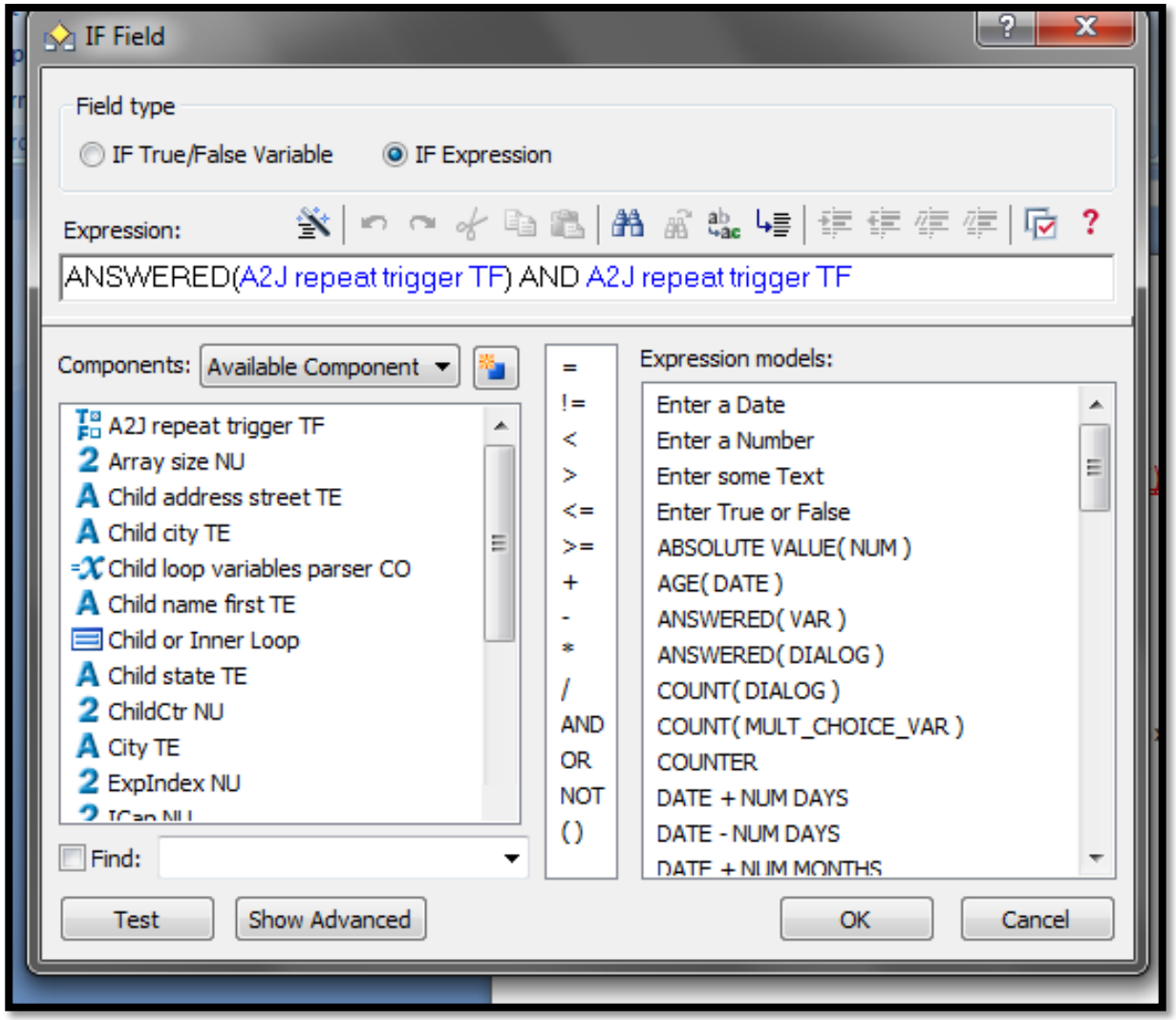

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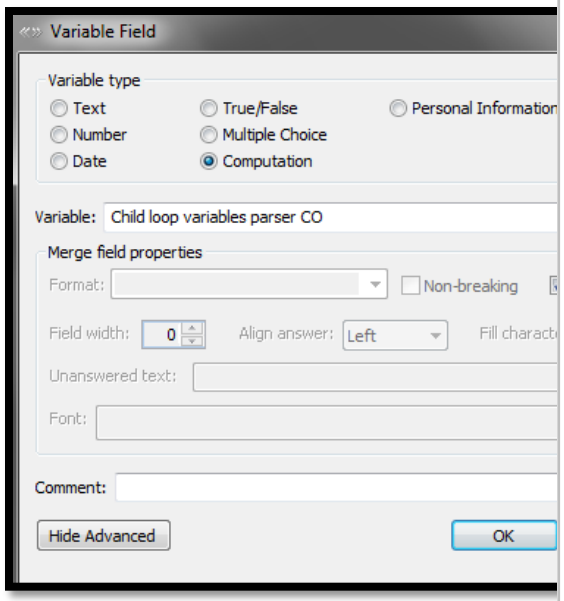

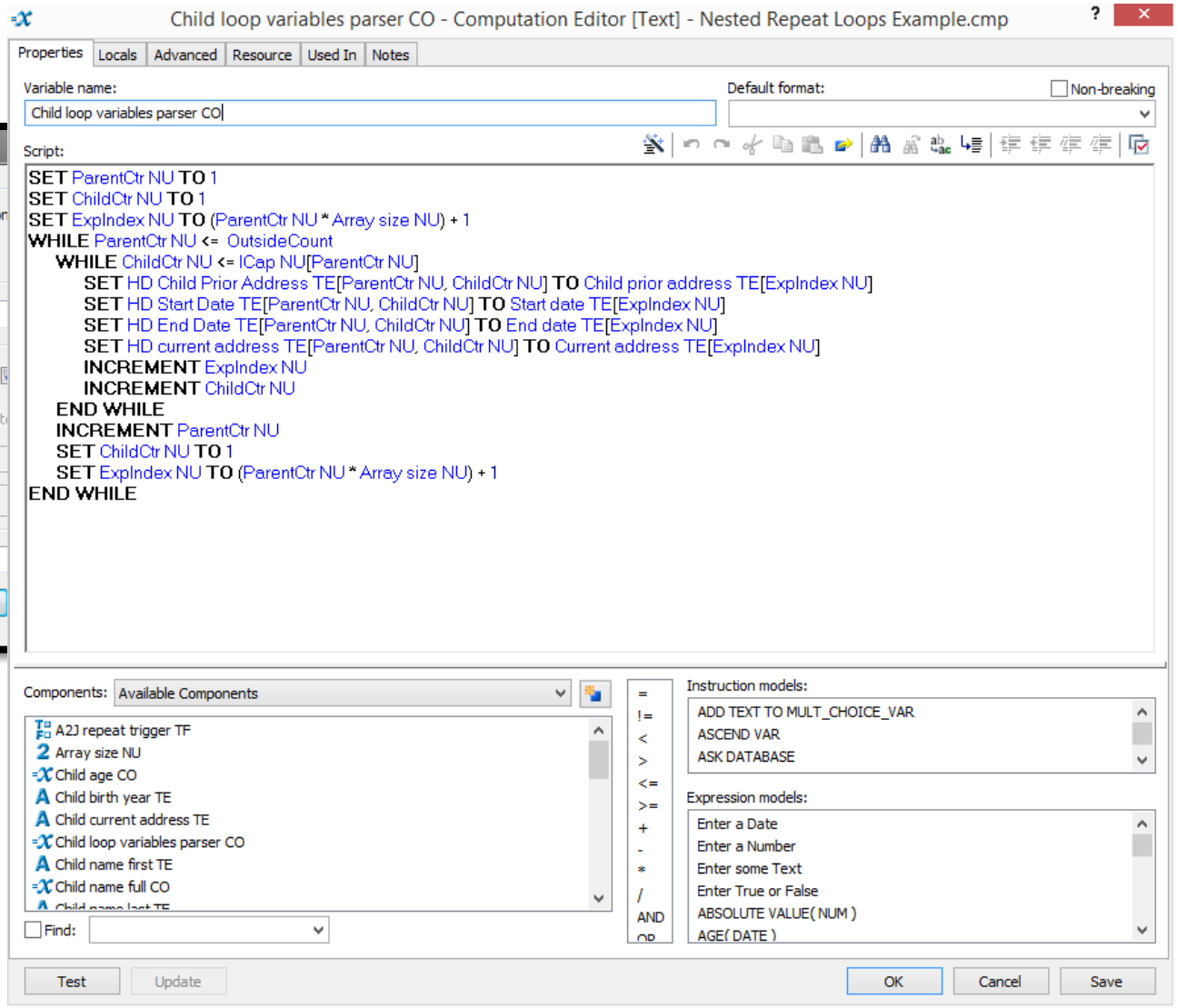

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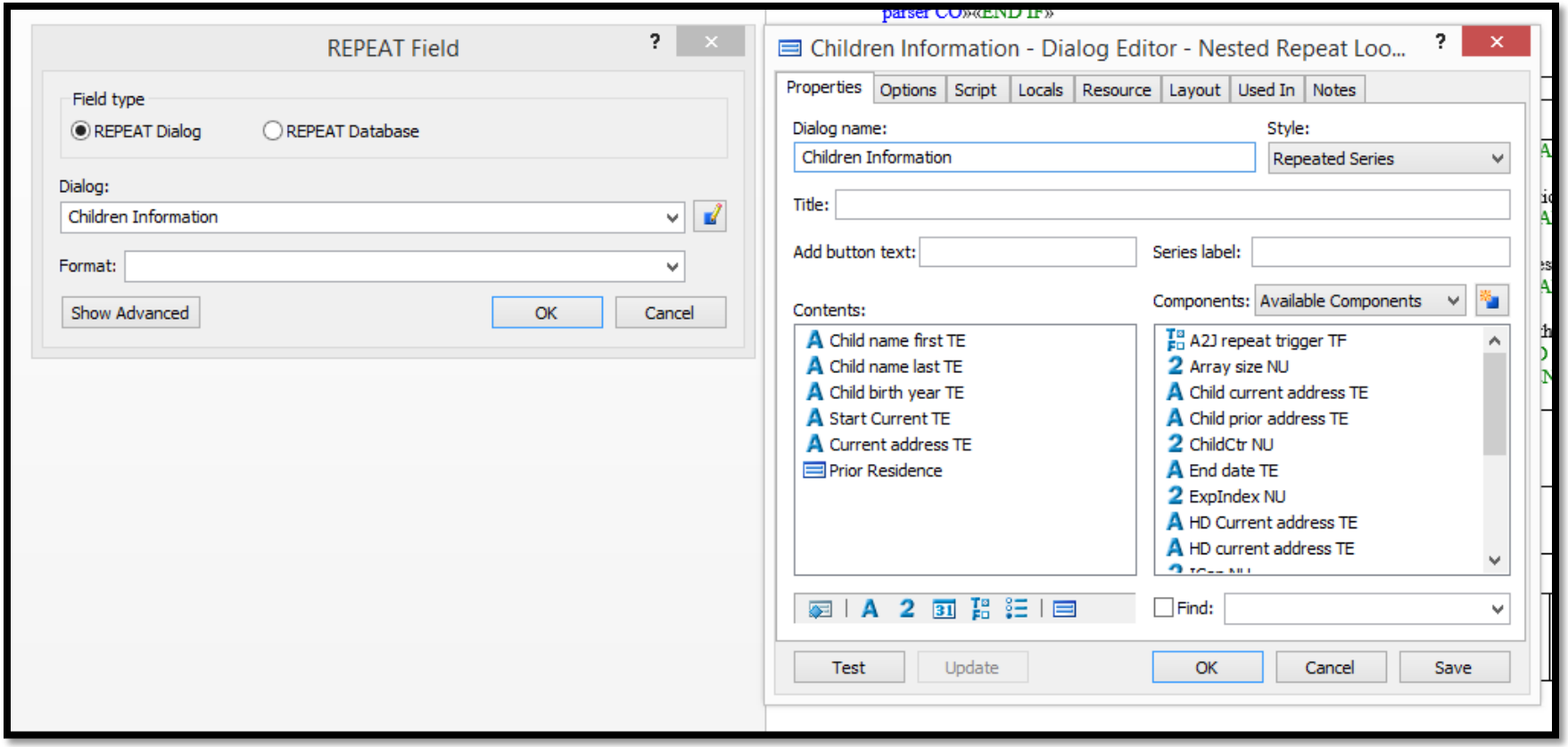

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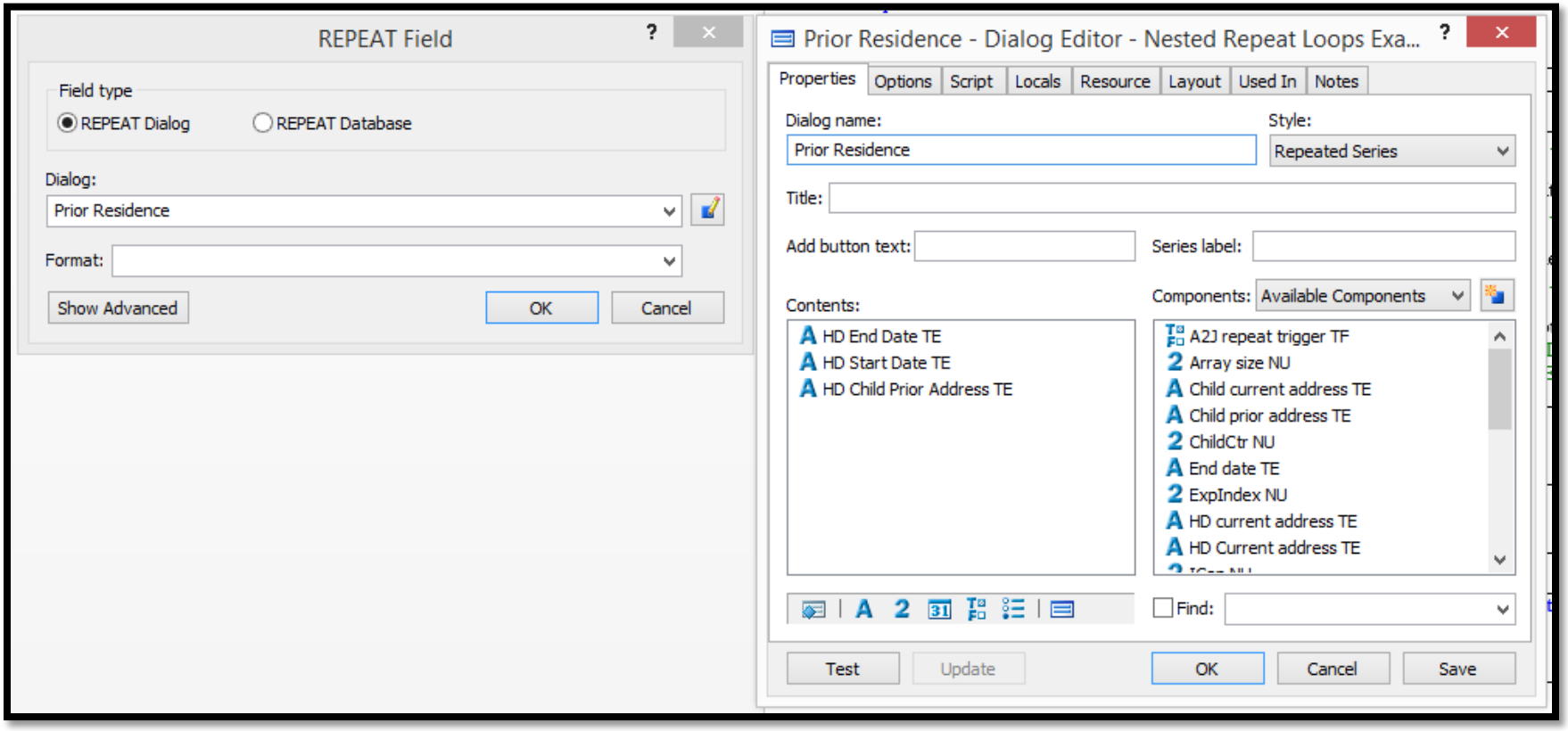

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Questions or Feedback?

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