

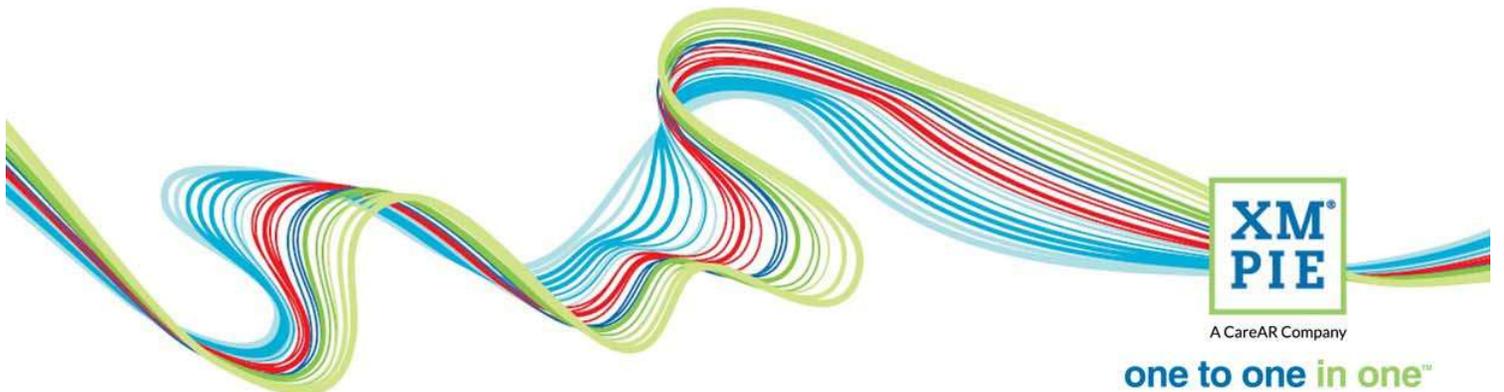
uCreate Print Training

Transcript for: TUTORIAL 3 Using rules and logic

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Notices

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U.S. Patents 6948115, 7406194, 7548338, 7757169 and pending patents.

JP Patent 4406364B and pending patents.

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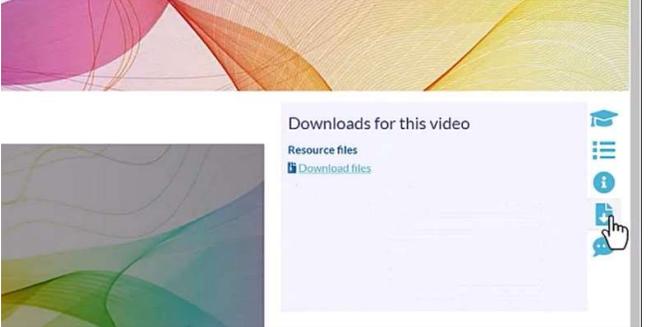
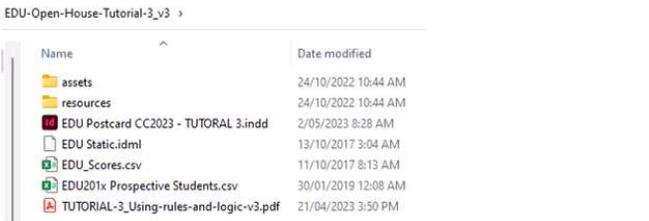
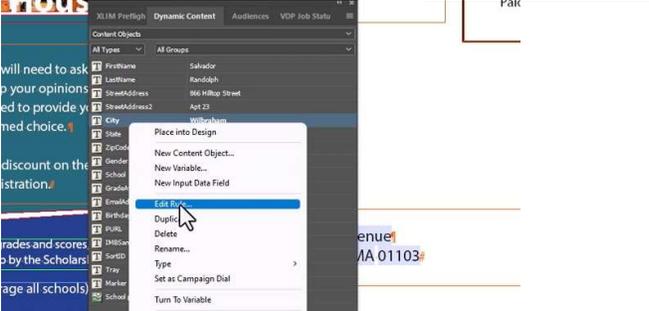
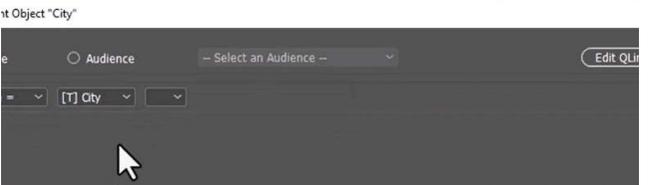
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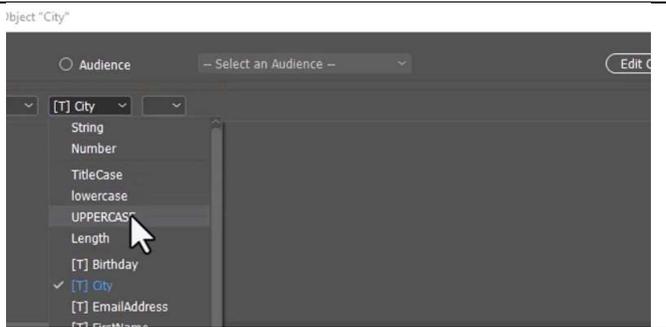
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<p>Voice over script</p> <p>Hi! Welcome to the XMPie uCreate Print training.</p>	<p>Thumbnail</p> 
<p>In the previous tutorial, we turned static InDesign text and graphics into dynamic objects using database values.</p> <p>In this tutorial, we look at using functions to change the database value, and logic to control the document based on the information from the database, rather than using the database value itself.</p>	<p>Using rules and logic</p> <ul style="list-style-type: none"> ▪ Extending on the previous tutorial ▪ Functions for changing database values ▪ Logic to create new content objects based on database values
<p>To start, download the sample ZIP file from the downloads tab and uncompress the archive. If you have already completed the previous tutorial in this series, you can continue to use the same files you already downloaded.</p>	
<p>There is a PDF included in the ZIP file that will step you through the tutorial if you want to do it later offline.</p> <p>Open the EDU Postcard InDesign file.</p>	
<p>The first thing to look at is on page 2. Our client's instructions are to display the City in upper-case, but the data is in title-case.</p> <p>Since we only use the city in this one location, I will edit the City Content object.</p>	
<p>This will open the Rule editor with the expression currently used – which is simply to get the value from the City field of the database.</p>	

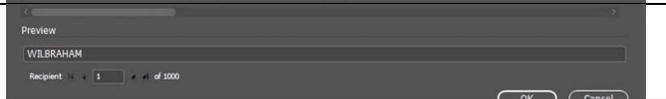
Click on the City drop-down, scroll up and select UPPERCASE.



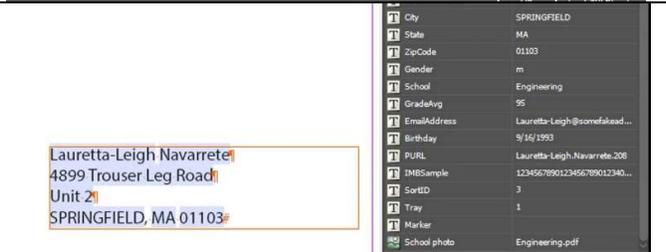
Notice how the City database field is now inside the brackets of the UPPERCASE function.



The preview area at the bottom of the rule editor shows the result of the new expression.



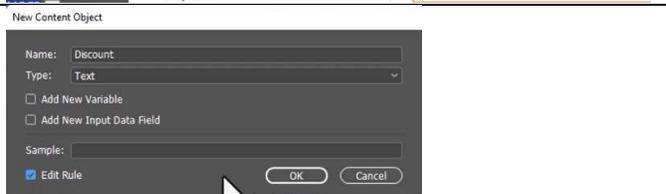
When I save, the rule is updated and anywhere in the document where the City content object has been placed will be updated with the new rule.



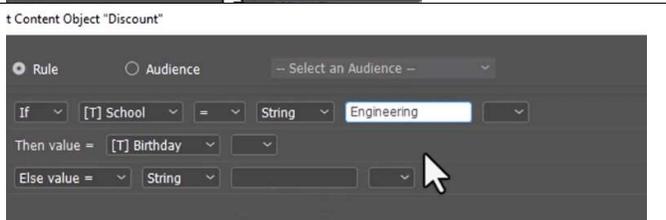
The next instruction from the customer is that Engineering students should get a higher discount percentage. In this case, the discount information is not in the database, so we need to create a new Content object.



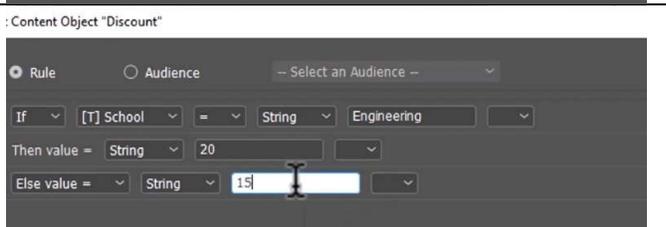
Enter a name for the Content object. The Content object will be used to change text in the document. And we want to edit the rule straight away, so check this box and click OK.



This time we need to use if-then-else logic, so change Value = to If.
If the School field in the database contains the word Engineering.

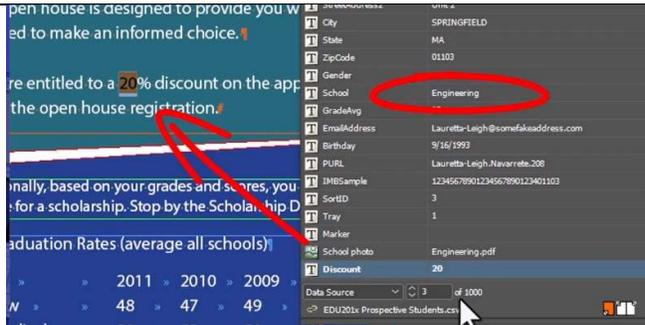


Then the value will be a text string: 20 else 15.

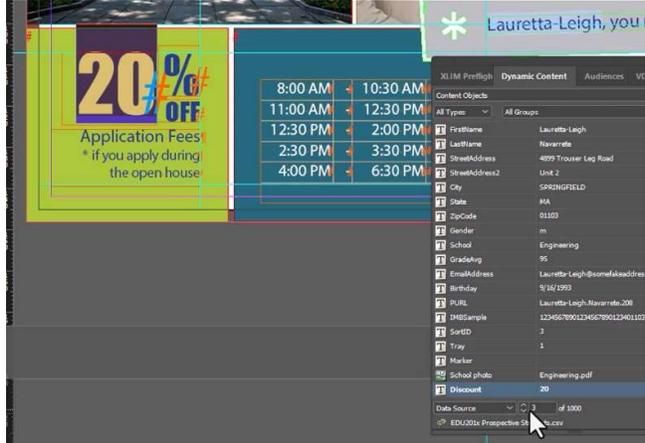


Use the Text tool to select the static text and double-click the Content object to place it into the design.

Scroll through the records to confirm that the logic is working as expected. Here we have an Engineering student and the discount is changed to 20 percent.



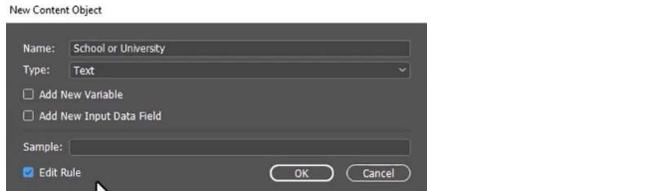
The discount amount also appears on the other page, so remember to also update it there too.



Next, if we know which School the student is interested in, we would like to welcome the student to that school rather than to the university. But when there is no school in the database, we need to welcome the student to EDU University.



Create a new Content object, and enter a name.



Again, we need to use logic. This time, we need to determine if the School database field has a value. uCreate Print has a function called IsNullOrEmpty which will do this.

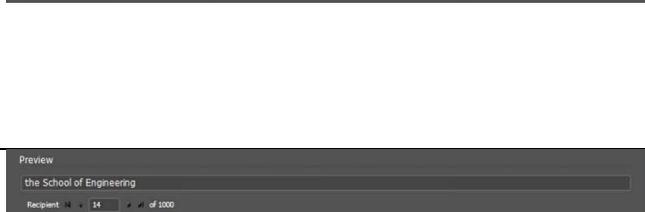
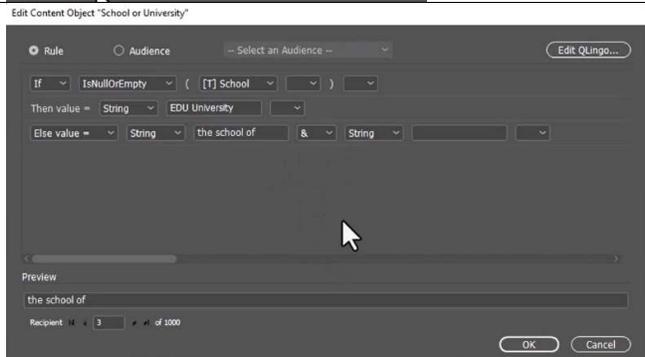
Now select the School database field.

IsNullOrEmpty will return true or false, so we don't need any comparison operators.

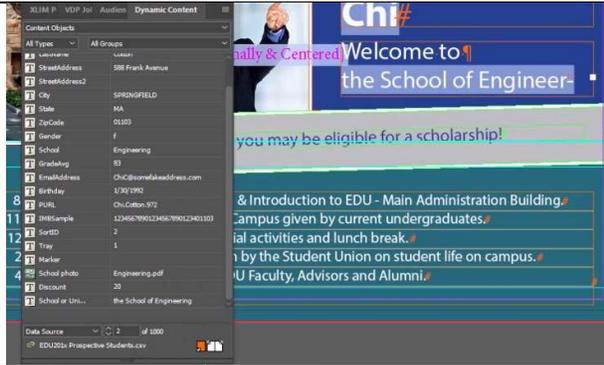
Now, if the field is empty, we want to say EDU University.

And if there is a School, we want to say "the School of" and join on the School name from the database.

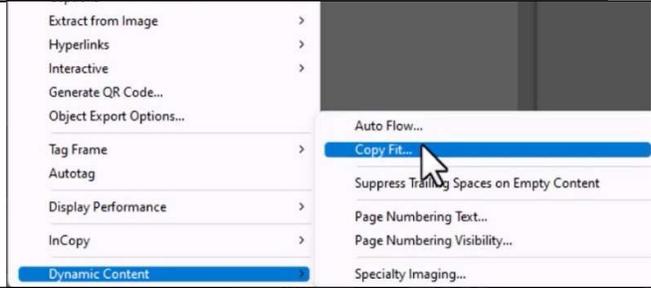
Again, the preview is showing us the result of the expression.



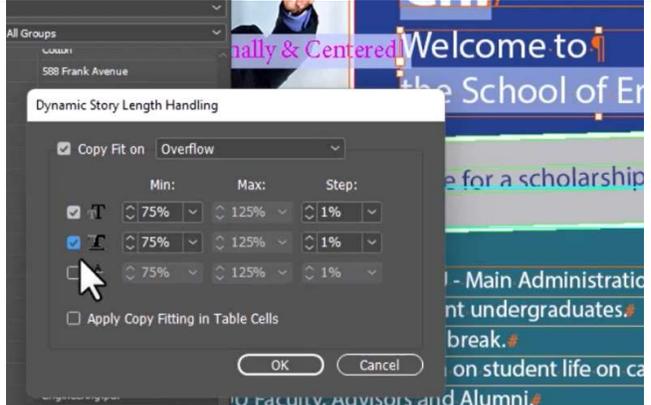
Now, let's place it into the document.



And we need to manage the text frame overflow with some copy fitting.



We can also place the Content object here in the Agenda area.



In the previous tutorial, we created this School photo Content object and an image only appears when there is a school selected in the database. Our folder of image assets includes a general.pdf image that we need to display when that occurs.

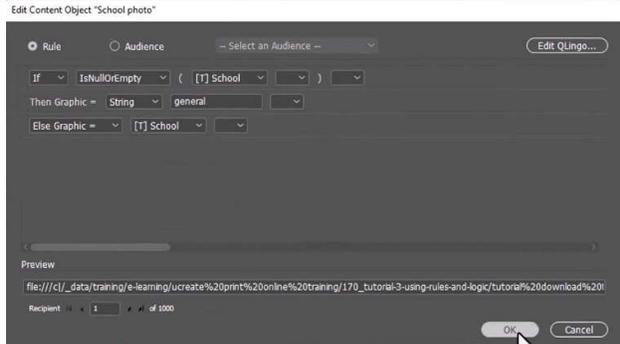


So, Right-click on the School photo Content object and select to Edit the rule.

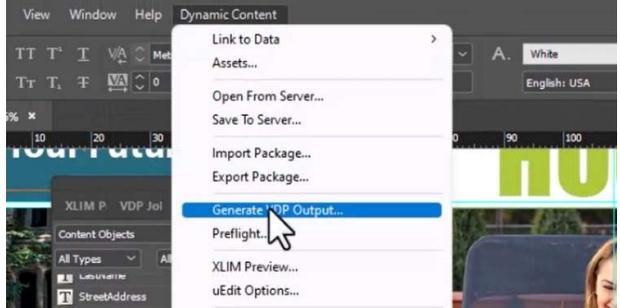


The logic is very similar to the last one, so I will swap to use the If logic. Select the IsNullOrEmpty function. Select the School database field. And, we don't need the comparison.

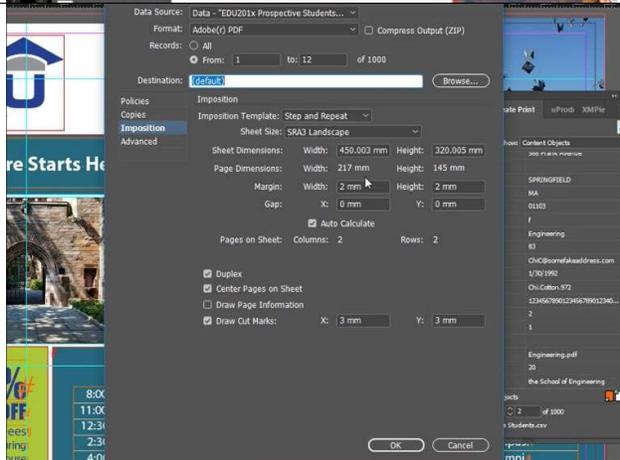
Now, if the School database field is empty, then we want to use the general image. Else, we want to use the School photo.



OK. Our job is done. Let's create the print output again.



I'll print to PDF, and check the imposition settings.



This time there is no warning about missing assets.

And here is our PDF output imposed and ready for print.

