
Using Conditionals in Voyager Prepackaged Access Reports

- **Product:** Voyager
 - **Relevant for Installation Type:** Multi-Tenant Direct, Dedicated-Direct, Local, TotalCare
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Question

Provide some tips for using Conditionals in Voyager Prepackaged Access Reports.

Answer

Sometimes you might want your results to vary, based on some criterion. This is called a "Conditional".

In a programming language, a Conditional might look something like this:

```
if (sun is up) then
    "day";
else
    "night";
```

IIf() Function

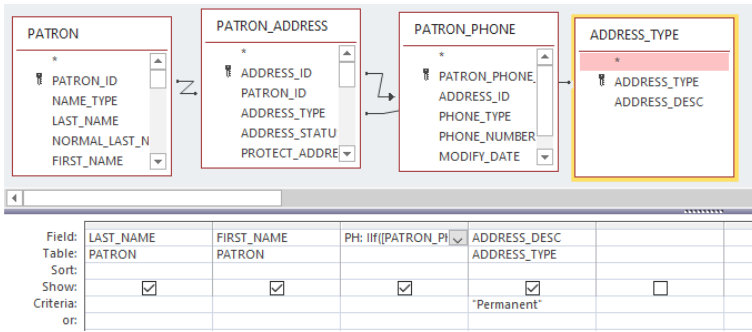
The IIf() Function ("Immediate IF") allows for conditionals in Voyager Prepackaged Access Reports.

Format: IIf (expr, truepart, falsepart)

If the expression, "expr" turns out to be true, the value of IIf is "truepart". If the expression is not true, the value of IIf is "falsepart".

Example: PH: IIf([PATRON_PHONE].[PHONE_NUMBER] Is Null,"NO PHONE",[PATRON_PHONE].[PHONE_NUMBER])

In the above call example, we want the phone number associated with each patron's permanent address. A phone number is not required, however, so we use an outer join, then we use an IIf() function to put "NO PHONE" in the results if there is no phone number.



Conditional Test			
LAST_NAME	FIRST_NAME	PH	ADDRESS_Di
Kaufman	Barry	NO PHONE	Permanent
Mucha	Maggie	NO PHONE	Permanent
woolf	virginia	NO PHONE	Permanent
Carrel	Study	NO PHONE	Permanent
faculty		NO PHONE	Permanent
Tanaka	Ken	NO PHONE	Permanent
Abrams	Artie	NO PHONE	Permanent
C	Tina	NO PHONE	Permanent
court	pat	333	Permanent
Fischer	Max	NO PHONE	Permanent
Sellers	David	847-227-4871	Permanent
Scott	Jack	847 227-2659	Permanent
Sadow	Russ	847-227-4829	Permanent
Samuels	Harry	847-227-4843	Permanent
Salamon	Eva	847 227-2619	Permanent
Johnson	Elaine	847-296-2200	Permanent

Note

Constructing custom SQL queries by request and troubleshooting unexpected results from customer-created SQL queries falls outside the scope of Support. The above has been posted for informational purposes. [Voyager-L](#) and [Developer Network](#) are useful resources for finding helpful custom SQL or obtaining assistance from peers in troubleshooting custom queries.

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