

## Using the CCur function in Voyager Prepackaged Access Reports

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

### Question

Provide some tips for using the CCur Function (Currency Function) in Voyager Prepackaged Access Reports.

### Answer

The CCur function converts a value to currency.

Format: CCur(AMOUNT)

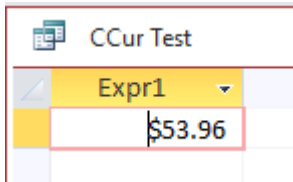
Example: CCur(5396/100)=\$53.96

You can easily test the CCur function *call* by putting the function directly into a query as shown below (PRO TIP: don't forget about using the Access Zoom feature by placing your cursor in the field and pressing SHIFT-F2 in order to make it easier to see):

The screenshot shows a query editor window with a table named 'BASE\_CURRENCY'. The table contains the following fields:

| BASE_CURRENCY      |
|--------------------|
| *                  |
| BASE_COUNTRY_NAME  |
| BASE_CURRENCY_NAME |
| BASE_CURRENCY_CODE |
| BASE_DECIMALS      |
| DECIMAL_DELIMITER  |

Below the table, there is a query editor interface. The 'Field:' dropdown is set to 'Expr1: CCur('5396'/100)'. The 'Table:' dropdown is empty. The 'Sort:' dropdown is empty. The 'Show:' row has a checked checkbox under the 'Field' column and empty checkboxes under the 'Table' and 'Sort' columns. The 'Criteria:' row is empty. The 'or:' row is empty.



## Base Currency Conversion (for dollars and other 100-based currencies):

Example:

AMT: CCur([AMOUNT]/100)

More generally, include the BASE\_CURRENCY Table in your query (see following example) and use:

AMT: CCur([AMOUNT]/10^[BASE\_DECIMALS])

## Foreign Currencies

Example:

AMT: CCur((([LINE\_PRICE])/([CONVERSION\_RATE]/100000))/10^[BASE\_DECIMALS])

| Field:    | AMT: CCur((([LINE_PRICE])/([CONVERSION_RATE]/100000))/10^[BASE_DECIMALS]) | CURRENCY_CODE                       |
|-----------|---|-------------------------------------|
| Table:    |   | INVOICE                             |
| Sort:     |   |                                     |
| Show:     | <input checked="" type="checkbox"/>                                       | <input checked="" type="checkbox"/> |
| Criteria: |   | <> [BASE_CURRENCY_CODE]             |
| or:       |   |                                     |

| CCur Foreign Currency Test |               |
|----------------------------|---------------|
| AMT                        | CURRENCY_CODE |
| \$72.11                    | MYR           |
| \$232.56                   | MYR           |
| \$31.00                    | MYR           |
| \$25.00                    | MYR           |
| \$0.01                     | ITA           |
| \$232.56                   | MYR           |
| \$232.56                   | MYR           |
| \$232.56                   | MYR           |
| \$232.56                   | MYR           |
| \$22.00                    | AUD           |
| \$21.67                    | NZD           |
| \$21.67                    | NZD           |
| \$21.67                    | NZD           |
| \$21.67                    | NZD           |
| \$17.82                    | NZD           |
| \$3.24                     | IMP           |
| \$0.00                     | ITA           |
| \$0.00                     | GBR           |
| \$0.00                     | GBR           |
| \$0.00                     | GBR           |
| \$0.00                     | GBR           |

PRO TIP: CURRENCY\_CODE shows the Currency used.

## Additional Information

For a more basic description of formatting currency using CCur see: [How to format a value as currency in Voyager Prepackaged Access Reports](#)

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### 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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