# Number to Word conversion in RTF

## xdofx:to_check_number

**<?xdofx:expression?> for extended SQL functions**
**<?xdoxslt:expression?> for extended XSL functions.**

You cannot mix xdofx statements with XSL expressions in the same context
This function enables the conversion of numbers to words for RTF template output. This is a common requirement for check printing.
The new function is “to_check_number”. The syntax of this function is

**<?xdofx:to_check_number(amount, precisionOrCurrency, caseType, decimalStyle)?>**

The following table describes the function attributes:

| Attribute | Description | Valid Value |
|---|---|---|
| **amount** | The number to be transformed. | Any number |
| **precisionOrCurrency** | For this attribute you can specify either the precision, which is the number of digits after the decimal point; or the currency code, which will govern the number of digits after the decimal point. The currency code does not generate a currency symbol in the output. | An integer, such as 2; or a currency code, such as ‘USD’. |
| **caseType** | The case type of the output. | Valid values are:<br>‘CASE_UPPER’,<br>‘CASE_LOWER’,<br>‘CASE_INIT_CAP’ |
| **decimalStyle** | Output type of the decimal fraction area. | Valid values are:<br>‘DECIMAL_STYLE_FRACTION1’,<br>‘DECIMAL_STYLE_FRACTION2’,<br>‘DECIMAL_STYLE_WORD’ |

The following examples display the function as entered in an RTF template and the returned output:

| RTF Template Entry | Returned Output |
|---|---|
| **<?xdofx:to_check_number(12345.67, 2)?>** | Twelve thousand three hundred forty-five and 67/100 |
| **<?xdofx:to_check_number(12345.67, ‘USD’)?>** | Twelve thousand three hundred forty-five and 67/100 |

| | |
|---|---|
| **<?xdofx:to_check_number(12345, 'JPY', 'CASE_UPPER')?>** | TWELVE THOUSAND THREE HUNDRED FORTY-FIVE |
| **<?xdofx:to_check_number(12345.67, 'EUR', 'CASE_LOWER', 'DECIMAL_STYLE_WORDS')?>** | twelve thousand three hundred forty-five and sixty-seven |

Please note this is only available for R12 and not currently present on 11i.

*Alternative*

**<?xdoxslt:toWordsAmt(TEST_AMOUNT)?>**

Then it will display amount in words in Indian currency means Rupees not millions.

Example:

**<?xdoxslt: toWordsAmt(123454.879)?>**

Then it will display as

One Lakh Twenty Three thousand Four hundred Fifty Four and paise Eighty Eight

*Alternative*

Use the following function in RDF level

**IBY_AMOUNT_IN_WORDS.Get_Amount_In_Words(TEST_AMOUNT)**