

STRCONV() Function[See Also](#) [Collapse All](#)

Converts character expressions between single-byte, double-byte, UNICODE, and locale-specific representations.

```
STRCONV(cExpression, nConversionSetting [, nRegionalIdentifier [, nRegionalIDType]])
```

Parameters*cExpression*

Specifies the character expression that STRCONV() converts.

nConversionSetting

Specifies the type of conversion. The following table lists the values of *nConversionSetting* and the type of conversion performed.

<i>nConversionSetting</i>	Conversion
1	Converts single-byte characters in <i>cExpression</i> to double-byte characters. Supported for Locale ID only (specified with the <i>nRegionalIdentifier</i> or <i>nRegionalIDType</i> parameters).
2	Converts double-byte characters in <i>cExpression</i> to single-byte characters. Supported for Locale ID only (specified with the <i>nRegionalIdentifier</i> or <i>nRegionalIDType</i> parameters).
3	Converts double-byte Katakana characters in <i>cExpression</i> to double-byte Hiragana characters. Supported for Locale ID only (specified with the <i>nRegionalIdentifier</i> or <i>nRegionalIDType</i> parameters).
4	Converts double-byte Hiragana characters in <i>cExpression</i> to double-byte Katakana characters. Supported for Locale ID only (specified with the <i>nRegionalIdentifier</i> or <i>nRegionalIDType</i> parameters).
5	Converts double-byte characters to UNICODE (wide characters).
6	Converts UNICODE (wide characters) to double-byte characters.
7	Converts <i>cExpression</i> to locale-specific lowercase. Supported for Locale ID only (specified with the <i>nRegionalIdentifier</i> or <i>nRegionalIDType</i> parameters).
8	Converts <i>cExpression</i> to locale-specific uppercase. Supported for Locale ID only (specified with the <i>nRegionalIdentifier</i> or <i>nRegionalIDType</i> parameters).
9	Converts double-byte characters in <i>cExpression</i> to UTF-8
10	Converts Unicode characters in <i>cExpression</i> to UTF-8
11	Converts UTF-8 characters in <i>cExpression</i> to double-byte characters.
12	Converts UTF-8 characters in <i>cExpression</i> to UNICODE characters.
13	Converts single-byte characters in <i>cExpression</i> to encoded base64 binary.
14	Converts base64 encoded data in <i>cExpression</i> to original unencoded data.
15	Converts single-byte characters in <i>cExpression</i> to encoded hexBinary.
16	Converts single-byte characters in <i>cExpression</i> to decoded hexBinary.

nRegionalIdentifier

Specifies the Locale ID, code page, or FontCharSet value to use for the conversion. If *nRegionalIDType* is omitted, the Locale ID is used for the conversion. If *nRegionalIdentifier* is omitted, the system locale ID is used by default. If *nRegionalIdentifier* is invalid or not supported on the machine, the error "Invalid locale ID" is generated.

<i>nRegionalIdentifier</i>	Language
1029	Czech
1031	German
1033	English (Default)
1034	Spanish
1036	French
1040	Italian
1045	Polish
1046	Portuguese (Brazil)
2070	Portuguese (Portugal)

nRegionalIDType

Specifies if a Locale ID, code page, or FontCharSet is used for the conversion. The *nRegionalIdentifier* parameter, described above, is used to specify the actual Locale ID, code page, or FontCharSet used for the conversion.

<i>nRegionalIDType</i>	Description
0	(Default) Specifies that the <i>nRegionalIdentifier</i> parameter is a Locale ID value.
1	Specifies that <i>nRegionalIdentifier</i> is a code page value.
2	Specifies that <i>nRegionalIdentifier</i> is a FontCharSet value.

Return Value

Character data type. STRCONV() returns the converted character expression.

Remarks

Visual FoxPro disregards invalid characters or incorrect length in base 64- and hexBinary- encoded strings.

This function is useful for manipulating double-byte character sets for languages such as Hiragana and Katakana.

See Also

Other Resources

[CHRTRANC\(\) Function](#)
[IMESTATUS\(\) Function](#)
[ISLEADBYTE\(\) Function](#)
[Functions](#)
[Language Reference](#)

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