

# UTAB2 - Upper-to-Lower-Case Translation

This Natural profile parameter allows you to overwrite the definitions in the translation table NTUTAB2 as contained in the configuration module NATCONFIG. The NTUTAB2 table is used for upper-to-lower case translation.

UTAB2 corresponds to the NTUTAB2 macro in the Natural parameter module NATPARM.

<b>Possible settings</b>		See <i>UTAB2 Parameter Syntax</i> below.
<b>Default setting</b>		As specified within the macro NTUTAB2 in NATCONFIG.
<b>Dynamic specification</b>	yes	This parameter can only be specified dynamically. In the Natural parameter module NATPARM, the macro NTUTAB2 must be used instead.
<b>Specification within session</b>	no	

The following topics are covered below:

- UTAB2 Parameter Syntax
- NTUTAB2 Macro Syntax
- Example of NTUTAB2 Macro
- Example of UTAB2 Parameter

## UTAB2 Parameter Syntax

The UTAB2 parameter is specified as follows:

```
UTAB2=(a1,a2,b1,b2,c1,c2,...)
```

You specify pairs of characters, the first character of a pair being a upper-case character to be translated, the second character of a pair being the lower-case character into which the upper-case character is to be translated.

You can specify each character either as the one-byte character itself (enclosed in apostrophes) or as the two-byte hexadecimal representation of that character.

## NTUTAB2 Macro Syntax

The NTUTAB2 macro is specified as follows:

```
NTUTAB2 a1,a2,b1,b2,c1,c2,...
```

## Example of NTUTAB2 Macro

```
NTUTAB2 5E,'Ä','ö',78,FF,00,'ü','Û'
```

In this example, the character represented by H'5E' is translated into 'Ä', 'ö' into the character represented by H'78', the character represented by H'FF' into the character represented by H'00', and 'ü' into 'Û'.

## Example of UTAB2 Parameter

With the UTAB2 parameter, you must enclose the entire string of character pairs in parentheses, for example:

```
UTAB1=(5E,'Ä','ö',78,FF,00,'ü','Û')
```