

# TABA2 - ASCII-to-EBCDIC Translation

This Natural profile parameter allows you to overwrite the definitions in the translation table NTTABA2 as contained in the configuration module NATCONFIG. This table is used for ASCII-to-EBCDIC translation.

TABA2 corresponds to the NTTABA2 macro in the Natural parameter module NATPARM.

<b>Possible settings</b>		See <i>TABA2 Parameter Syntax</i> below.
<b>Default setting</b>		As specified within the macro NTTABA2 in NATCONFIG.
<b>Dynamic specification</b>	yes	This parameter can only be specified dynamically.  In the Natural parameter module NATPARM, the macro NTTABA2 must be used instead.
<b>Specification within session</b>	no	

The following topics are covered below:

- TABA2 Parameter Syntax
- NTTABA2 Macro Syntax
- Example of NTTABA2 Macro
- Example of TABA2 Parameter

## TABA2 Parameter Syntax

The TABA2 parameter is specified as follows:

```
TABA2=(a1,a2,b1,b2,c1,c2,...)
```

You specify pairs of characters, the first character of a pair being an ASCII character to be translated, the second character of a pair being the EBCDIC character into which the ASCII 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.

## NTTABA2 Macro Syntax

The NTTABA2 macro is specified as follows:

```
NTTABA2 a1,a2,b1,b2,c1,c2,...
```

## Example of NTTABA2 Macro

```
NTTABA2 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 TABAA2 Parameter

With the TABAA2 parameter, you must enclose the entire string of character pairs in parentheses, for example:

```
TABAA2=(5E,'Ä','ö',78,FF,00,'ü','Û')
```