

# SCTAB - Scanner Characters

This Natural profile parameter allows you to overwrite the definitions in the scanner character-type table NTSTAB as contained in the configuration module NATCONFIG. The NTSTAB table defines the properties of characters

- used in mask definitions for the MASK function,
- recognized as delimiters in the EXAMINE and SEPARATE statements.

SCTAB corresponds to the NTSTAB macro in the Natural parameter module NATPARM.

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

The following topics are covered below:

- SCTAB Parameter Syntax
- NTSTAB Macro Syntax
- Example of NTSTAB Macro
- Example of SCTAB Parameter

## SCTAB Parameter Syntax

The SCTAB parameter is specified as follows:

```
SCTAB=(character1,attribute-type1,attribute-type2,....,character2,attribute-type1,attribute-type2,...)
```

### *character*

You specify a character, and after it its attribute type(s).

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

### *attribute-type(s)*

Attribute types can be:

UPPER	upper-case alphabetical
LOWER	lower-case alphabetical
NUM	numeric
HEX	hexadecimal
ALFANUM	alphanumeric
SPECIAL	special
NDELIM	non-delimiter

It is possible to specify more than one character in the list of values. You must enclose the entire string of character/attribute pairs in parentheses.

## NTSCTAB Macro Syntax

The NTSCTAB macro is specified as follows:

```
NTSCTAB character1,attribute-type1,attribute-type2,...
NTSCTAB character2,attribute-type1,attribute-type2,... ...
```

For each character to be overwritten, you have to specify a separate NTSCTAB macro.

## Example of NTSCTAB Macro

```
NTSCTAB 5E,LOWER,NDELIM
NTSCTAB 'ß',SPECIAL
NTSCTAB 7B,SPECIAL
NTSCTAB 'Ä',UPPER,NDELIM
```

## Example of SCTAB Parameter

```
SCTAB=(5E,LOWER,NDELIM,'ß',SPECIAL,7B,SPECIAL,'Ä',UPPER,NDELIM)
```