

XML - Activate PARSE XML and REQUEST DOCUMENT Statements

This Natural profile parameter is used to activate/deactivate the statements REQUEST DOCUMENT and PARSE XML.

This profile parameter corresponds to the NTXML macro in the parameter module NATPARM.

Note:

As a prerequisite for using the XML profile parameter, the profile parameter CFICU must be set to CFICU=ON.

See also *Statements for Internet and XML Access* in the *Programming Guide*.

Possible settings	ON	Enable XML support according to the subparameter settings below. For the PARSE XML and REQUEST DOCUMENT statement usage, the subparameters RDOC and PARSE must be set to ON as well.
	OFF	Disable XML support. Any subparameter settings are ignored.
	See <i>Keyword Subparameters</i> below.	In addition, the following keyword subparameters are available: RDOC PARSE RDCP RDP RDPPORT RDPS RDSPORT RDNOP
Default setting	OFF	
Dynamic specification	yes	The parameter XML can only be specified dynamically. In NATPARM, use the macro NTXML.
Specification within session	no	

The following topics are covered below:

- XML Parameter Syntax
- NTXML Macro Syntax
- Keyword Subparameters
- Example of NTXML Macro

- Example of XML Parameter

XML Parameter Syntax

The XML parameter is specified as follows:

$$\text{XML} = \left(\begin{array}{c} \text{ON} \\ \text{OFF} \end{array} \right) , \text{keyword_subparameter1} = \text{value}, \text{keyword_subparameter2} = \text{value}, \dots$$

For names and values of *keyword_subparameters*, see *Keyword Subparameters* below.

NTXML Macro Syntax

The NTXML macro is specified as follows:

```

.....+.....1.....+.....2.....+.....3.....+.....4.....+.....5.....+.....6.....+.....7..
      NTXML ON/OFF *
          RDOC=ON/OFF, *
          PARSE=ON/OFF, *
          RDCP=code-page-name, *
          RDP=url, *
          RDPPORT=port-number, *
          RDPS=url, *
          RDSPOINT=port-number, *
          RDNOP=domain-name

```

Note:

The keyword subparameters RDPPORT and RDPS are currently for z/OS only.

Keyword Subparameters

RDOC | PARSE | RDCP | RDP | RDPPORT | RDPS | RDSPOINT | RDNOP

RDOC - Support of REQUEST DOCUMENT Statement

Possible values are:

ON	Use of the REQUEST DOCUMENT statement is supported.
OFF	Use of the REQUEST DOCUMENT statement is not supported. This is the default value.

PARSE - Support of PARSE XML Statement

Possible values are:

ON	Use of the PARSE XML statement is supported.
OFF	Use of the PARSE XML statement is not supported. This is the default value.

RDCP - Name of the Default HTML/XML Code Page

Specifies the default code page which is assumed if *operand15* in the REQUEST DOCUMENT statement contains only spaces.

Possible values	<i>code-page-name</i>
Default value	ISO 8859-1:1987

RDP - URL of Proxy Server

Specifies the URL of the proxy server through which all internet (not intranet) HTTP requests have to be routed.

Possible values	<i>url</i>
Default value	OFF

Blanks are not allowed. The value OFF means that no URL is defined.

RDPPORT - Proxy Port Number

Specifies the port number of the proxy, if any is set.

Possible values	0 - 65535
Default value	80

RDPS - URL of SSL Proxy Server

Specifies the URL of the SSL proxy server through which all internet (not intranet) HTTPS requests have to be routed.

Note:

This keyword subparameter is currently for z/OS only.

Possible values	<i>url</i>
Default value	OFF

Blanks are not allowed. The value OFF means that no URL is defined.

RDSPORT – SSL Proxy Port Number

Specifies the port number of the SSL proxy, if any is set.

Note:

This keyword subparameter is currently for z/OS only.

Possible values	0 - 65535
Default value	443

RDNOP - Name of Local Domain

Specifies local domain(s) which are to be addressed directly, not via the proxy.

Possible values	<i>domain-name(s)</i>
Default value	OFF

Blanks are not allowed. The value OFF means that no URL is defined.

Wildcard notation for prefixes can only be used in the form *.xxx and not in the form .xxx.

Multiple entries are separated by a semicolon.

Example of NTXML Macro

```
NTXML ON,RDP=HTTPPROXY.MYCOMPANY.COM,RDPPORT=8080,RDPS=SSLPROXY.MYCOMPANY.COM,RDSPORT=443,RDNOP=*.MYCOMPANY.COM,RDOC=ON,PARSE=ON
```

Note:

The keyword subparameters RDPPORT and RDPS are currently for z/OS only.

Example of XML Parameter

```
XML=(ON,RDP='HTTPPROXY.MYCOMPANY.COM',RDPPORT=8080,RDPS='SSLPROXY.MYCOMPANY.COM',RDSPORT=443,RDNOP='*.MYCOMPANY.COM',RDOC=ON,PARSE=ON)
```

Note:

The keyword subparameters RDPPORT and RDPS are currently for z/OS only.