

XML Related System Variables

The following Natural system variables are covered:

- *PARSE-COL
- *PARSE-LEVEL
- *PARSE-NAMESPACE-URI
- *PARSE-ROW
- *PARSE-TYPE

These system variables, which are available when using the PARSE statement, are only valid in the current loop context.

Content modifiable:

In the following text, this indicates whether in a Natural program you can assign another value to the system variable, that is, overwrite its content as generated by Natural.

***PARSE-COL**

This system variable is only available under Windows and UNIX.

Format/length: I4

Content modifiable: No

This Natural system variable is automatically created for each PARSE statement issued.

It specifies the column where the parser is currently working at.

The system variable *COUNTER usable with the database READ loop is also available for the PARSE XML loop.

***PARSE-LEVEL**

This system variable is only available under Windows and UNIX.

Format/length: I4

Content modifiable: No

This Natural system variable is automatically created for each PARSE statement issued.

It specifies the level of currently nested elements.

***PARSE-NAMESPACE-URI**

This system variable is only available under Windows and UNIX.

Format/length: A (dynamic)

Content modifiable: No

This Natural system variable is automatically created for each PARSE statement issued.

It specifies the namespace URI of the current element/attribute, if the element/attributes belong to a namespace. If the NAME (*Operand3*) value is empty, then there is also no namespace and *LENGTH(*field*) is set to 0.

Note:

*LENGTH(*PARSE-NAMESPACE-URI) is a valid statement!

*PARSE-ROW

This system variable is only available under Windows and UNIX.

Format/length: I4

Content modifiable: No

This Natural system variable is automatically created for each PARSE statement issued.

It specifies the row where the parser is currently working at.

*PARSE-TYPE

This system variable is only available under Windows and UNIX.

Format/length: A1

Content modifiable: No

This Natural system variable is automatically created for each PARSE statement issued.

It specifies the type of the delivered data.

Possible values for ASCII-based systems are:

?	Processing instruction (but not first <?XML ... ?>)
!	Comment.
C	CDATA section.
T	Starting tag.
@	Attribute (or § on mainframes).
/	Closing tag.
\$	Parsed data.