

XML Related System Variables

This chapter covers the following topics:

- *PARSE-COL (*r*)
- *PARSE-LEVEL (*r*)
- *PARSE-NAMESPACE-URI (*r*)
- *PARSE-ROW (*r*)
- *PARSE-TYPE (*r*)

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

***PARSE-COL (*r*)**

Format/length: I4
Content modifiable: No

This system variable contains the column where the parser is currently working at.

In mainframe environments, it always points to the start of the current markup element.

(*r*) notation after *PARSE-COL is used to indicate the statement label or source-code line number of the PARSE statement. If (*r*) is not specified, *PARSE-COL represents the column where the parser in the currently active processing loop is working at.

***PARSE-LEVEL (*r*)**

Format/length: I4
Content modifiable: No

This system variable contains the level of currently nested elements.

(*r*) notation after *PARSE-LEVEL is used to indicate the statement label or source-code line number of the PARSE statement. If (*r*) is not specified, *PARSE-LEVEL represents the level where the parser in the currently active processing loop is working at.

***PARSE-NAMESPACE-URI (*r*)**

Format/length: A (dynamic)
Content modifiable: No

This system variable contains the namespace URI of the current element/attribute, if the element/attributes belong to a namespace. If the NAME (*operand3*) value of the PARSE statement is empty, then there is also no namespace and *LENGTH(*PARSE-NAMESPACE-URI) is set to 0.

(*r*) notation after *PARSE-NAMESPACE-URI is used to indicate the statement label or source-code line number of the PARSE statement. If (*r*) is not specified, *PARSE-NAMESPACE-URI represents the namespace URI of the current element/attribute in the currently active processing loop.

*PARSE-ROW (*r*)

Format/length: I4

Content modifiable: No

This system variable contains the row where the parser is currently working at.

(*r*) notation after *PARSE-ROW is used to indicate the statement label or source-code line number of the PARSE statement. If (*r*) is not specified, *PARSE-ROW represents the row where the parser in the currently active processing loop is working at.

*PARSE-TYPE (*r*)

Format/length: A1

Content modifiable: No

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

This system variable contains the type of the delivered data.

(*r*) notation after *PARSE-TYPE is used to indicate the statement label or source-code line number of the PARSE statement. If (*r*) is not specified, *PARSE-TYPE represents the type of the delivered data in the currently active processing loop.

Possible values for ASCII-based systems are:

?	Processing instruction (but not first <?XML . . . ?>).
!	Comment.
C	CDATA section.
T	Starting tag.
@	Attribute (on mainframes: § or @, depending on session code page and terminal emulation).
/	Closing tag.
\$	Parsed data.