

# 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.

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## **\*PARSE-COL** (*r*)

Format/length: I4  
Content modifiable: No

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

(*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.