XML_OpenDocument

%XML_OpenDocument function

Function

The function reads a defined XML document from the disk.

Declaration

```
INT %XML_OpenDocument(
    TEXT in fileName,
    BOOL in validate
   TEXT in features := ""[,
   BOOL in preserveWhitespace := @TRUE]]
 )
```

Parameters

fileName	Name of the XML file on the disk.
validate	@TRUE - XML document validation (if the XML document contains DTD). @FALSE - no XML document validation (if the XML document contains DTD).
features	Optional parameter of the Text type which allows to change the default values of some SAX Parser's parameters and to influence its behaviour and also the content of loaded document in memory. The parameters are recorded in pairs - name and numerical value. The parts are separated by blank space. If the value is 0 (zero) the parameter is disabled. If user write the invalid name of parameter it does not mean an error. A complete list of parameters is mentioned here http://xerces.apache.org/xerces2-j/features.html. The actual version supports following two parameters: **http://xml.org/sax/features/namespaces** **True** — Perform namespace processing: prefixes will be stripped off element and attribute names and replaced with the corresponding namespace URIs. By default, the two will simply be linked, but the namespace-sep core property allows the application to specify a delimiter string for separating the URI part and the local part. **False** — Do not perform namespace processing. **Default** — true **Note** — If the validation feature is set to true, then the document must contain a grammar that supports the use of namespaces. or **http://xml.org/sax/features/namespace-prefixes** **True** — Report the original prefixed names and attributes used for namespace declarations. **False** — Do not report attributes used for Namespace declarations, and optionally do not report original prefixed names. **Default** — false

preserveWhitespace	@TRUE - text nods containing so-called white spaces (space, tab, ..) will remain as they were in XML document. @FALSE - text nods containing so-called white spaces will be ignored when the document is parsed.

Return value

Handle to an opened XML document. If document is not opened, the return value will be invalid.

Description

The function reads the given XML document from the disk and returns its handle.

The following character encodings of the XML document are supported:

- UTF-8
- UTF-16
- US-ASCII
- ISO-8859-1
- Latin1
- ISO-8859-2
- Latin2
- ISO-8859-3
- ISO-8859-4
- WINDOWS-1250

Example

```
INT _doc
_doc := %XML_OpenDocument("c:\data.xml", @TRUE)
```

Example 2

Opening of an XML document with parameter (http://xml.org/sax/features/namespace-prefixes) of SAX Parser:

```
TEXT _features
_features := "http://xml.org/sax/features/namespace-prefixes 1"
_hXML := %XML_OpenDocument (_fileName, @FALSE, _features)
```

Note:

If the parameter namespace-prefixes is set, xmlns* attributes will not be ignored at XML document reading. This XML file was read with enabled parameter http://xml.org/sax/features/namespace-prefixes.

Demo of XML

Related pages:

XML file manipulation functions
Function arguments - types