**Query types depending on node type:**

**Document** – search will start from the document’s root element. No search prefix allowed.

**Element** - search will start from this node, search child nodes. No search prefix allowed.

**Catalog** – <prefix>query.

**No prefix** – DOCUMENT\_SIMPLE. Search and return documents. Document content is NOT used as search criteria - only document name and attributes.

**Prefix=’#’** – DOCUMENT\_FULL. Search and return documents. Document content is used as search criteria if specified (not only document name and attributes).

**Prefix=’$’** – CATALOG. Search and return only catalog nodes. Documents are not included.

**Conditions:**

‘|’ – OR

‘&’ – AND

Delimiters: left – ‘[‘ or ‘(‘; right – ‘]’ or ‘)’. Could be used for visibility of the multi-level conditions.

Single-level: [predicate] or (predicate). Not forbidden: [predicate) or (predicate].

Multi-level (examples):

[[predicate1]&[predicate2]]

([predicate1]|[predicate2])

( ([predicate1]&[predicate2]) | [predicate3] )

**Examples:**

* **mynode** - selects the ‘mynode’ element children of the context node;
* **\*** - selects all element children of the context node;
* **text()** - selects all text node children of the context node;
* **@atr1** - selects the ‘atr1’ attribute of the context node
* **@\*** - selects all the attributes of the context node
* **mynode[1]** - selects the first ‘mynode’ child of the context node
* **mynode[5]** - selects the fifth ‘mynode’ child of the context node
* **mynode[first()]** - selects the first ‘mynode’ child of the context node
* **mynode[last()]** - selects the last ‘mynode’ child of the context node
* **my\*[3]** - selects the third child node of the context node with the name starting with ‘my’
* **//a\*[8]** - selects the eight node in the tree under the root node which starts by ‘a’
* **\*/mynode** selects all ‘mynode’ grandchildren of the context node
* **/doc/chapter[5]/section[2]** - selects the second section of the fifth chapter of the doc
* **mynode//n1** - selects the ‘n1’ element descendants of the ‘mynode’ element children of the context node
* **mynode//n\*** - selects all element descendants started with ‘n’ of the ‘mynode’ element children of the context node
* **//para** - selects all the para descendants of the document root and thus selects all para elements in the same document as the context node
* **//olist/item** - selects all the item elements in the same document as the context node that have an olist parent
* **./** - selects the context node
* **.** - selects the context node
* **.//**-para selects the para element descendants of the context node
* **..** - selects the parent of the context node
* **../@lang** - selects the ‘lang’ attribute of the parent of the context node
* **para[@type="warning"]** - selects all ‘para’ children of the context node that have a type attribute with value warning
* **para[@type="warning"][5]** - selects the fifth ‘para’ child of the context node that has a type attribute with value warning
* **para[5][@type="warning"]** - selects the fifth para child of the context node if that child has a type attribute with value warning
* **chapter[title="Introduction"]** - selects the chapter children of the context node that have one or more title children with string-value equal to Introduction
* **chapter[title]** - selects the chapter children of the context node that have one or more title children
* employee[@secretary and @assistant] selects all the employee children of the context node that have both a secretary attribute and an assistant attribute