**XML File processing**

- **\*\*pub.file.getFile:\*\*** Reads a file from the local file system.

**- \*\*pub.xml:xmlStringToXMLNode:\*\*** Converts an XML string to an XML node.

**- \*\*pub.xml:getXMLNodeIterator:\*\*** Creates an iterator for XML nodes.

**- \*\*pub.xml:getNextXMLNode:\*\*** Retrieves the next XML node from the iterator.

- **\*\*pub.xml:xmlNodeToDocument:\*\*** Converts an XML node to a document.

**- \*\*pub.xml:documentToXMLString:\*\*** Converts a document to an XML string.

**- \*\*pub.file:stringToFile:\*\*** Writes a string to a file.

**Flat File processing:   
   
pub.flatFile:convertToString:** Converts an IS document (IData object) to a flat file document based on the specified flat file schema.

**pub.flatFile:convertToValues:** Converts a flat file document to an IS document (IData object) based on the input flat file schema.

**pub.flatFile:FormatService:** Formats the field String in a flat file schema or dictionary, ensuring it meets the format restrictions.

**Json File processing:**

**pub.json:closeArrayIterator :** Closes the iteration. The iterator object used in an iteration cannot be reused after this service runs.

**pub.json:documentToJSONString:** Converts a document (IData object) to a JSON string

**pub.json:getArrayIterator:**Returns a batch iterator object

The pub.json:getNextBatch service in webMethods retrieves the next set of array elements by parsing the array paths in the iterator object returned by the pub.json:getArrayIterator service. It returns elements in batches based on the specified batch size, which can vary with each invocation. To get all elements from an array path or move to the next array path in the iterator, the service should be invoked in a loop until all paths are iterated.