

Event Driven Parser to Create DOM in Java

Using the Java SAX parser (event-based parser), create a Document Object Model (DOM/directed graph/tree) representation of the data contained in an XML document. The resulting DOM is to contain all the data that is provided in the XML document and should work for any XML document structure. The parser is to be a static method on a class that is appropriately named. The parser is throw exceptions if it encounters a problem.

Create an application that tests and demonstrates the functionality of creating a DOM from an XML source using the class created above. Here is how the test/demo app is to work:

- Build a simple UI that contains a button that when clicked allows a File Open dialog to select the source XML file.
- The user selects the XML file that is then passed to the parser.
- The parser (static method) is called with the selected file and returns the DOM.
- A break point is set so that after the parse is returned the DOM can be viewed/explored in the debugger.

You can name the application anything descriptive you want but it **must contain your pawprint as the first part of the name.**

Leave the breakpoint that allows inspection of the DOM in place before you zip the project folder for submission.

This project needs to be complete in NetBeans.