

```
1 package org.adrianl.sax;
2
3 import lombok.NonNull;
4 import org.xml.sax.SAXException;
5
6 import javax.xml.parsers.ParserConfigurationException;
7 import javax.xml.parsers.SAXParser;
8 import javax.xml.parsers.SAXParserFactory;
9 import java.io.IOException;
10 import java.util.List;
11
12 // @Getter
13 public class SAXController {
14     private static SAXController controller;
15     private final String uri;
16     private List<Noticia> noticiasList;
17     //SINGLETON
18     private SAXController(String uri) {
19         this.uri = uri;
20     }
21     public static SAXController getInstance(@NonNull String uri) {
22         if (controller == null)
23             controller = new SAXController(uri);
24         return controller;
25     }
26
27     public void loadData() throws ParserConfigurationException, IOException,
28     SAXException {
29         SAXParserFactory saxParserFactory = SAXParserFactory.newInstance(); //Crea
30         el parser
31         SAXParser saxParser = saxParserFactory.newSAXParser();
32         NoticiaHandler handler = new NoticiaHandler(); //Indica los eventos
33         saxParser.parse(this.uri, handler); //Parsea el fichero por eventos
34         this.noticiasList = handler.getNoticias(); // Lista de usuarios
35     }
36
37     public List<Noticia> getNoticias() {
38         return this.noticiasList;
39     }
40 }
```