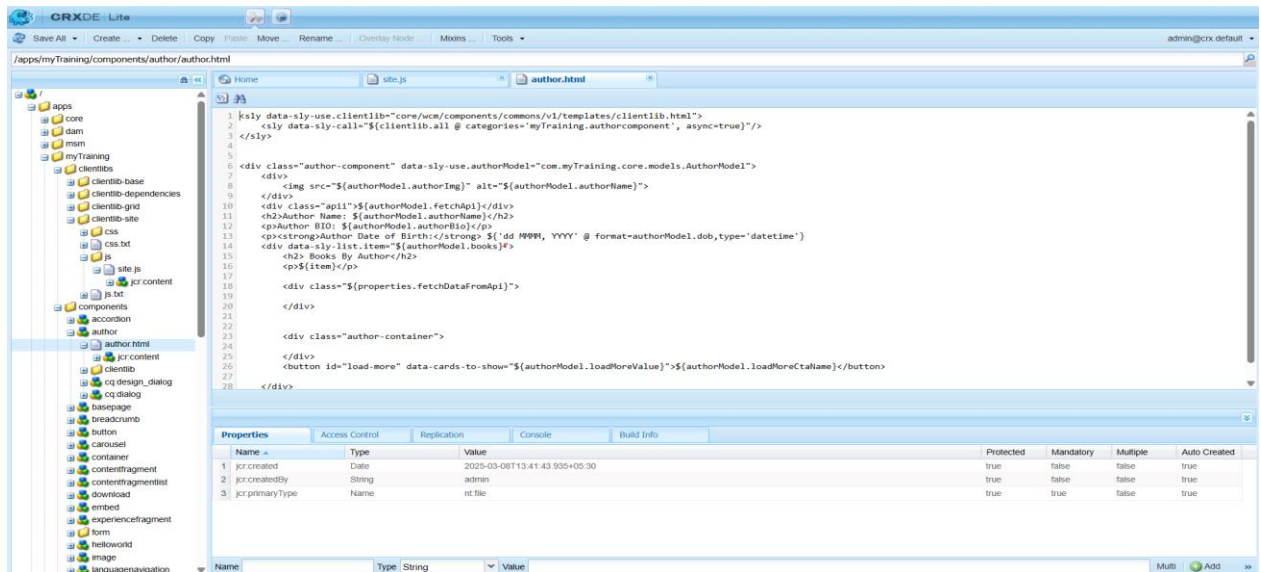


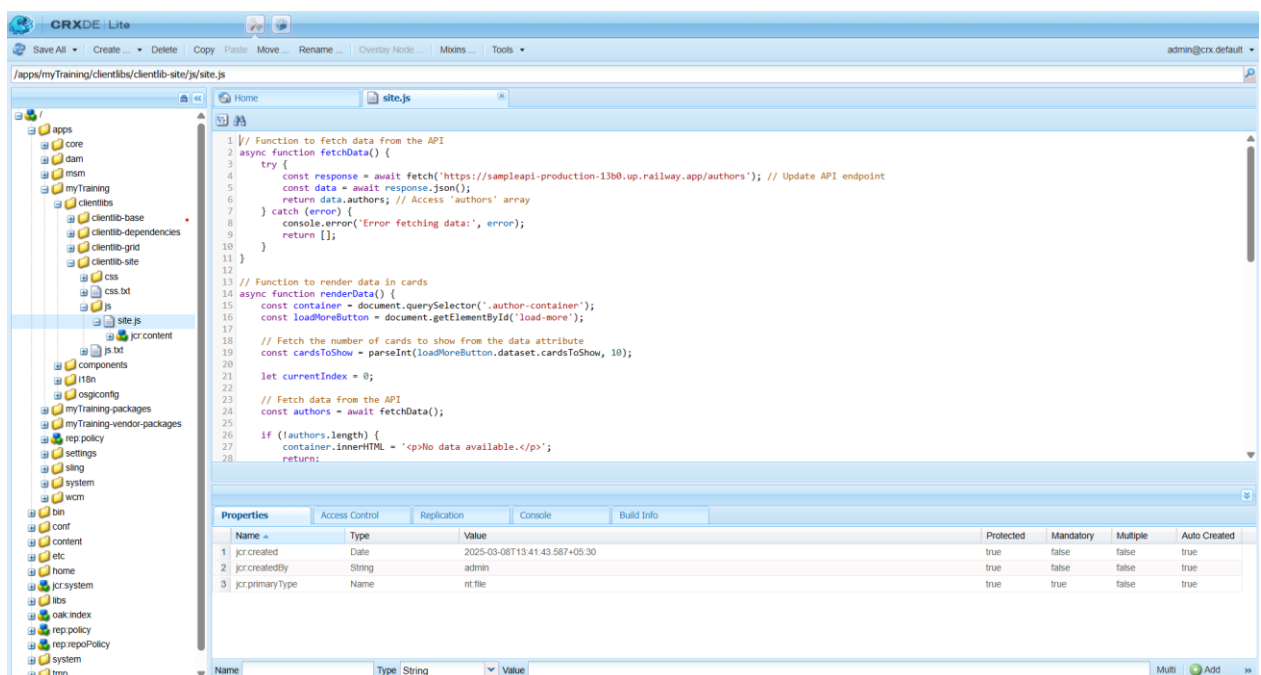
AEM CARD CREATION & DATA FETCHING VIA API

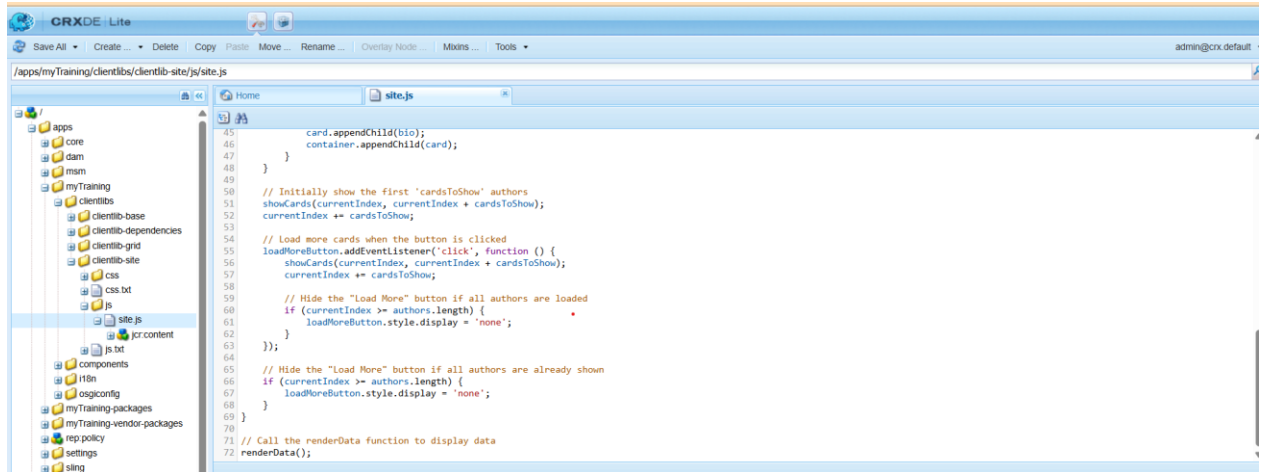
Developing an Author component to retrieve and display card details:

The HTML file displays book cards containing details such as an image, title, description, and publish date.



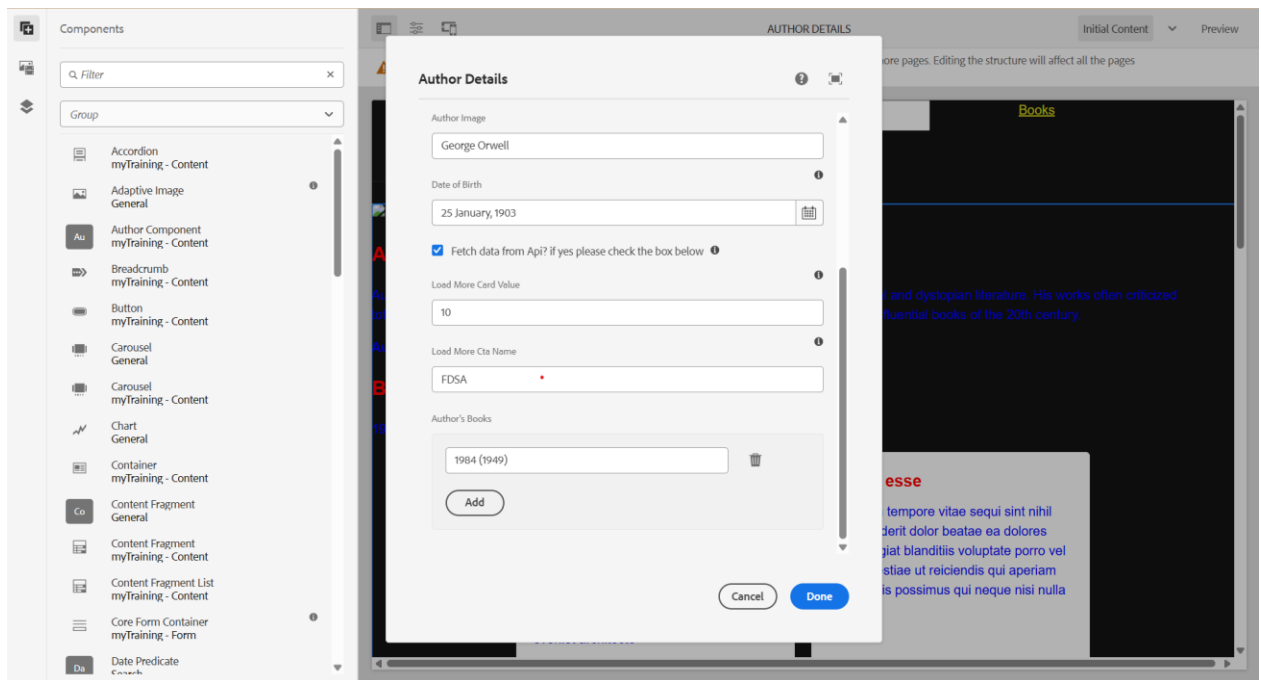
Including site.js in the clientlibs folder to retrieve data from an API URL:



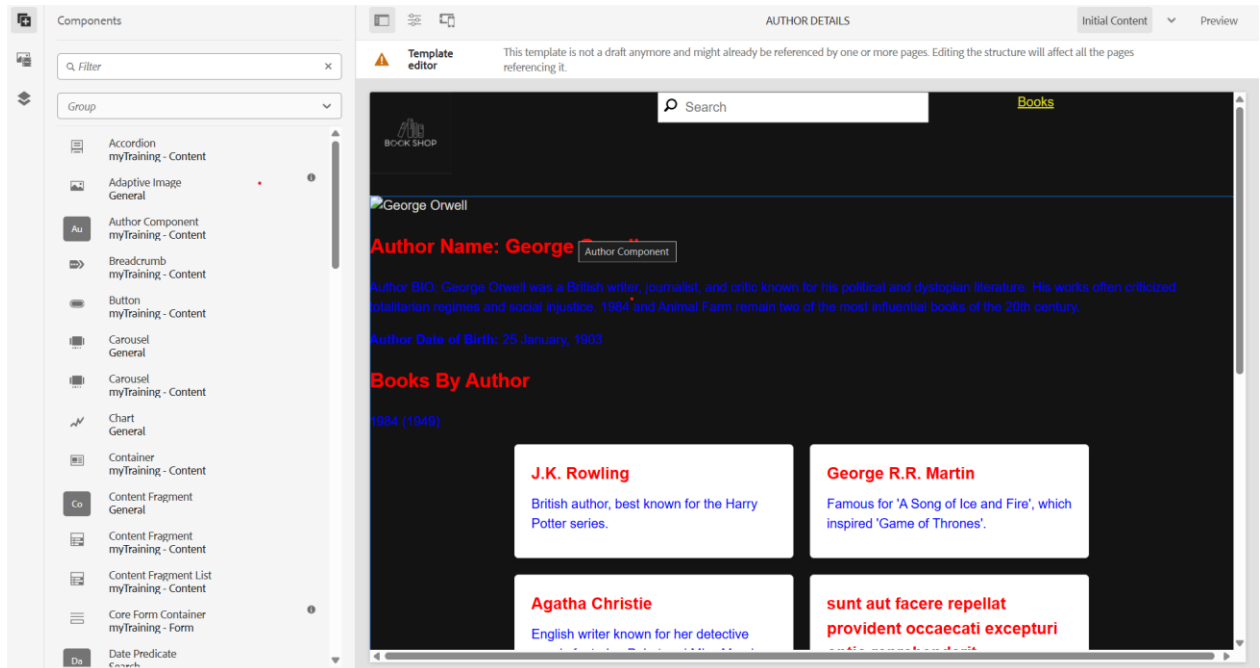


AUTHOR COMPONENT IMAGE:

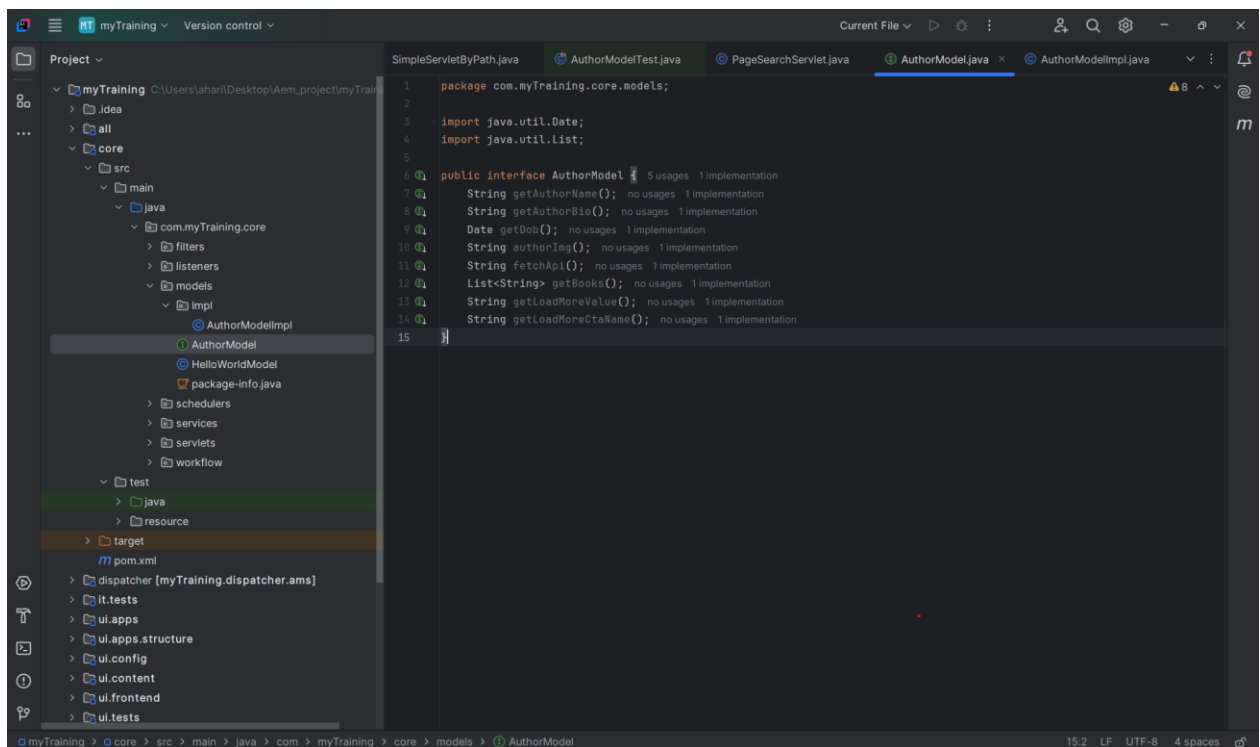
The following Author component includes details such as the author's name, date of birth, and a checkbox to enable data fetching via API.



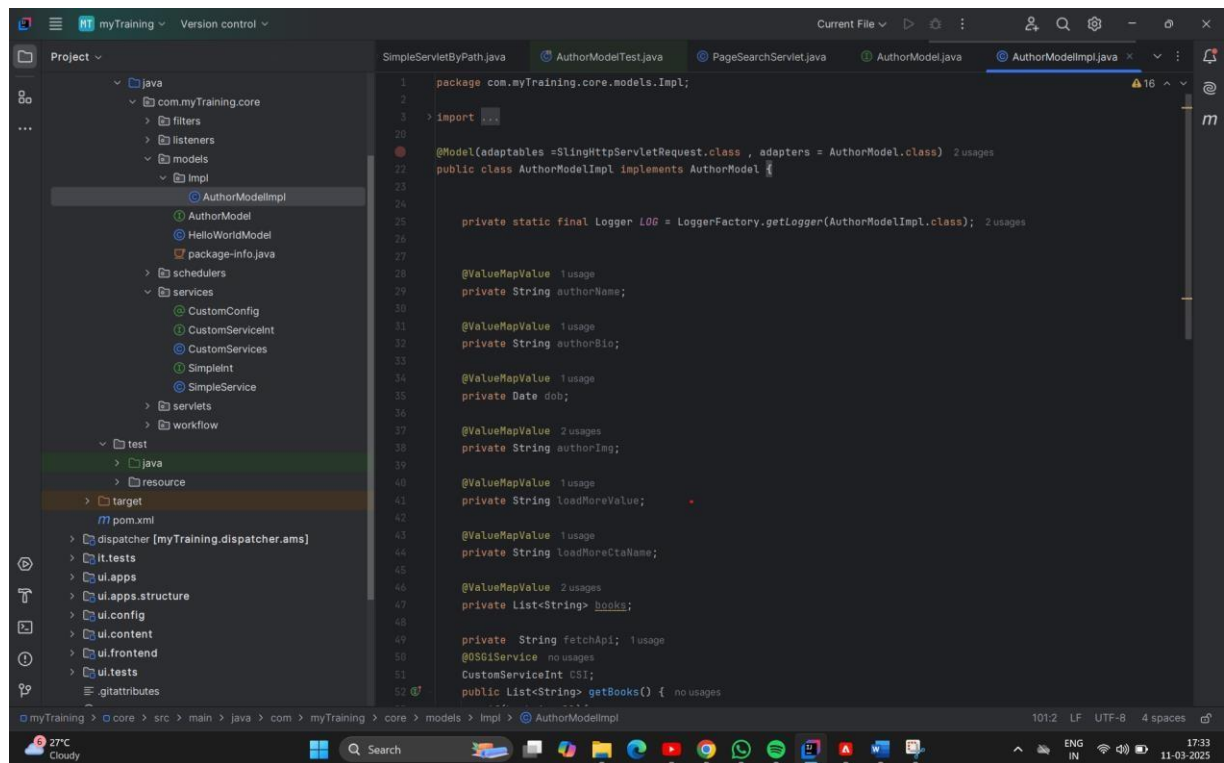
The author card displays details including the author's name and bio:



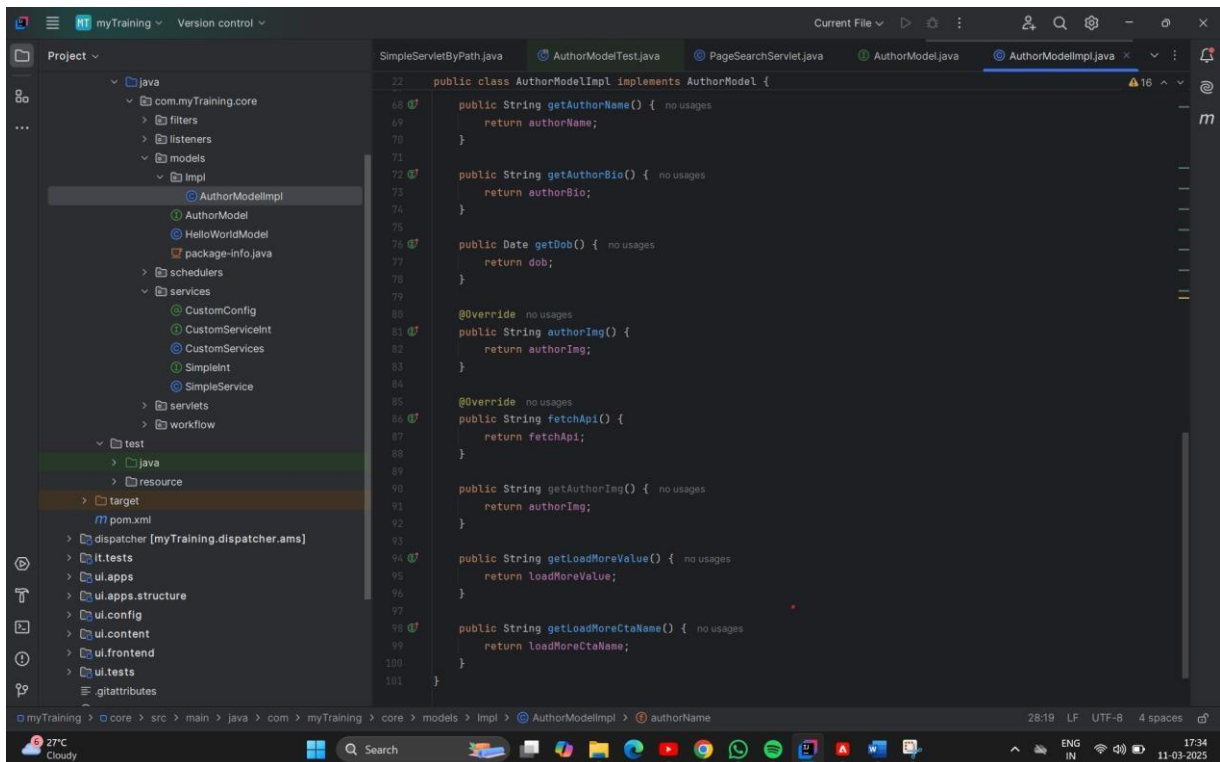
The AuthorModel file has been updated to retrieve details from the API:



The AuthorModelImpl file has been modified to align with the AuthorModel:



```
1 package com.myTraining.core.models.impl;
2
3 import java.util.List;
4
5 @Model(adaptables = {SlingHttpServletRequest.class}, adapters = {AuthorModel.class})
6 public class AuthorModelImpl implements AuthorModel {
7
8     private static final Logger LOG = LoggerFactory.getLogger(AuthorModelImpl.class);
9
10    @ValueMapValue
11    private String authorName;
12
13    @ValueMapValue
14    private String authorBio;
15
16    @ValueMapValue
17    private Date dob;
18
19    @ValueMapValue
20    private String authorImg;
21
22    @ValueMapValue
23    private String loadMoreValue;
24
25    @ValueMapValue
26    private String loadMoreCtaName;
27
28    @ValueMapValue
29    private List<String> books;
30
31    private String fetchApi;
32
33    @Override
34    public List<String> getBooks() {
35        return books;
36    }
37
38    @Override
39    public String fetchApi() {
40        return fetchApi;
41    }
42
43    @Override
44    public String getAuthorName() {
45        return authorName;
46    }
47
48    @Override
49    public String getAuthorBio() {
50        return authorBio;
51    }
52
53    @Override
54    public Date getDob() {
55        return dob;
56    }
57
58    @Override
59    public String getAuthorImg() {
60        return authorImg;
61    }
62
63    @Override
64    public String getLoadMoreValue() {
65        return loadMoreValue;
66    }
67
68    @Override
69    public String getLoadMoreCtaName() {
70        return loadMoreCtaName;
71    }
72
73    @Override
74    public void setAuthorName(String authorName) {
75        this.authorName = authorName;
76    }
77
78    @Override
79    public void setAuthorBio(String authorBio) {
80        this.authorBio = authorBio;
81    }
82
83    @Override
84    public void setDob(Date dob) {
85        this.dob = dob;
86    }
87
88    @Override
89    public void setAuthorImg(String authorImg) {
90        this.authorImg = authorImg;
91    }
92
93    @Override
94    public void setLoadMoreValue(String loadMoreValue) {
95        this.loadMoreValue = loadMoreValue;
96    }
97
98    @Override
99    public void setLoadMoreCtaName(String loadMoreCtaName) {
100        this.loadMoreCtaName = loadMoreCtaName;
101    }
102
103    @Override
104    public void setBooks(List<String> books) {
105        this.books = books;
106    }
107
108    @Override
109    public void setFetchApi(String fetchApi) {
110        this.fetchApi = fetchApi;
111    }
112}
```



```
22 public class AuthorModelImpl implements AuthorModel {
23
24     public String getAuthorName() {
25         return authorName;
26     }
27
28     public String getAuthorBio() {
29         return authorBio;
30     }
31
32     public Date getDob() {
33         return dob;
34     }
35
36     @Override
37     public String getAuthorImg() {
38         return authorImg;
39     }
40
41     @Override
42     public String getLoadMoreValue() {
43         return loadMoreValue;
44     }
45
46     @Override
47     public String getLoadMoreCtaName() {
48         return loadMoreCtaName;
49     }
50
51     @Override
52     public List<String> getBooks() {
53         return books;
54     }
55
56     @Override
57     public String fetchApi() {
58         return fetchApi;
59     }
60
61     @Override
62     public void setAuthorName(String authorName) {
63         this.authorName = authorName;
64     }
65
66     @Override
67     public void setAuthorBio(String authorBio) {
68         this.authorBio = authorBio;
69     }
70
71     @Override
72     public void setDob(Date dob) {
73         this.dob = dob;
74     }
75
76     @Override
77     public void setAuthorImg(String authorImg) {
78         this.authorImg = authorImg;
79     }
80
81     @Override
82     public void setLoadMoreValue(String loadMoreValue) {
83         this.loadMoreValue = loadMoreValue;
84     }
85
86     @Override
87     public void setLoadMoreCtaName(String loadMoreCtaName) {
88         this.loadMoreCtaName = loadMoreCtaName;
89     }
90
91     @Override
92     public void setBooks(List<String> books) {
93         this.books = books;
94     }
95
96     @Override
97     public void setFetchApi(String fetchApi) {
98         this.fetchApi = fetchApi;
99     }
100
101 }
```