

CRXDE Lite

Save All

Create

Delete

Copy

Paste

Move

Rename

Overlay Node

Mixins

Tools

admin@crx.default

apps/myTraining/components/author/author.html

apps

core

dam

msm

myTraining

clientlibs

components

accordion

author

author.html

jcr:content

clientlib

cq:design_dialog

cq:dialog

basepage

breadcrumb

button

carousel

container

contentfragment

contentfragmentlist

download

embed

experiencefragment

form

helloworld

image

languagenavigation

list

navigation

page

pdfViewer

resource

Home

author.html

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

<div class="author-content">

<h2 class="author-name">\${authorModel.authorName}</h2>

<p class="author-bio">\${authorModel.authorBio}</p>

<p class="author-dob">

DOB: \${'dd MMM, YYYY' @ format=authorModel.dob, type='datetime')}

</p>

<h3 class="section-title">Books by \${authorModel.authorName}</h3>

<div class="books-list" data-sly-list.item="\${authorModel.books}">

</div>

<div class="api-data \${properties.fetchDataFromApi}>

<div class="author-container"></div>

<button id="load-more" class="load-more-btn" data-cards-to-show="\${authorModel.loadMoreValue}">

Load More

</button>

</div>

</div>

Properties

Access Control

Replication

Console

Build Info

	Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1	jcr:created	Date	2025-03-10T15:38:13.166+05:30	true	false	false	true
2	jcr:createdBy	String	admin	true	false	false	true
3	jcr:primaryType	Name	nt:file	true	true	false	true

Name

Type

String

Value

Multi

Add

>>

CRXDE Lite

Save All | Create ... | Delete | Copy | Paste | Move ... | Rename ... | Overlay Node ... | Mixins ... | Tools ...

admin@crx.default

/apps/myTraining/components/author/clientlib/js/site.js

apps

core

dam

msm

myTraining

clientlib

components

accordion

author

author.html

jcr:content

clientlib

css

css.txt

js

site.js

js.txt

cq:design_dialog

cq:dialog

content

items

column

items

authorName

authorBio

authorImg

dob

fetchDataFromApi

loadMoreValue

loadMoreCtaName

books

basepage

Home

author.html

site.js

```
1 // Function to fetch data from the API
2 async function fetchData() {
3   try {
4     const response = await fetch('https://sampleapi-production-13b0.up.railway.app/authors'); // Update API endpoint
5     const data = await response.json();
6     return data.authors; // Access 'authors' array
7   } catch (error) {
8     console.error('Error fetching data:', error);
9     return [];
10  }
11 }
12
13 // Function to render data in cards
14 async function renderData() {
15   const container = document.querySelector('.author-container');
16   const loadMoreButton = document.getElementById('load-more');
17
18   // Fetch the number of cards to show from the data attribute
19   const cardsToShow = parseInt(loadMoreButton.dataset.cardsToShow, 10);
20
21   let currentIndex = 0;
22
23   // Fetch data from the API
```

Properties

Access Control

Replication

Console

Build Info

	Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1	jcr:created	Date	2025-03-11T15:07:24.543+05:30	true	false	false	true
2	jcr:createdBy	String	admin	true	false	false	true
3	jcr:primaryType	Name	nt:file	true	true	false	true

Name

Type

String

Value

Multi

Add

Book Title :

Author name :

Image

Description :

Books

Harry Potter

About Me

Learn more

Books

About Me

Reach Me

Author Component

Follow Us

Author Details

Author Name

Author Bio

Author Image


Date of Birth

☒ Fetch data from Api? if yes please check the box below

Cancel


Done

Template editor This template is not a draft anymore and might already be referenced by one or more pages. Editing the structure will affect all the pages referencing it.



Book Site

Books About Me Reach Me



J.R.R. Tolkien

THE HOBBIT

American author known for his bestselling book **Atomic Habits**, which provides practical strategies for building good habits, breaking bad ones, and mastering small behaviors that lead to remarkable results.

DOB: January 3, 1892

Load More



Book Site

[Books](#) [About Me](#) [Reach Me](#)

J.R.R. Tolkien

J.R.R. Tolkien was an English writer, poet, philologist, and academic best known for his high-fantasy works, *The Hobbit*, *The Lord of the Rings*, and *The Silmarillion*. He served as a professor of Anglo-Saxon at the University of Oxford and was instrumental in the study of medieval literature.

DOB: January 3, 1892, Bloemfontein, Orange Free State (now South Africa)

BOOKS BY POPULAR AUTHORS

Harry Potter

By J.K. Rowling

A magical journey of a young wizard destined to defeat the dark lord

The Hobbit

By J.R.R. Tolkien

A fantasy adventure about Bilbo Baggins' journey to reclaim

1984

By George Orwell

A dystopian novel exploring totalitarianism and

The Alchemist

By Paulo Coelho

A philosophical novel about following one's dreams

Pride and Prejudice

By Jane Austen

A classic novel

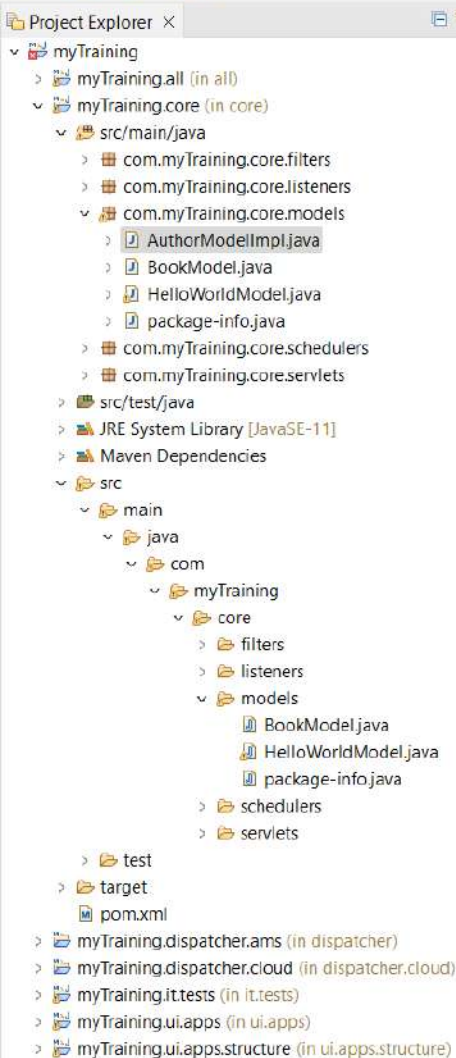
The Great Gatsby

By F. Scott Fitzgerald

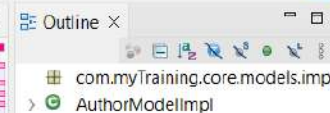
A story of wealth, love,

Pretty-print ☒

```
{
  "authors": [
    {
      "bio": "British author, best known for the Harry Potter series.",
      "name": "J.K. Rowling"
    },
    {
      "bio": "Famous for 'A Song of Ice and Fire', which inspired 'Game of Thrones'.",
      "name": "George R.R. Martin"
    },
    {
      "bio": "English writer known for her detective novels featuring Poirot and Miss Marple.",
      "name": "Agatha Christie"
    },
    {
      "bio": "American author of horror, supernatural fiction, and suspense novels.",
      "name": "Stephen King"
    },
    {
      "bio": "Known for 'Pride and Prejudice' and 'Sense and Sensibility'.",
      "name": "Jane Austen"
    },
    {
      "bio": "Famous for 'Huckleberry Finn' and 'Tom Sawyer'.",
      "name": "Mark Twain"
    },
    {
      "bio": "Russian author known for 'War and Peace' and 'Anna Karenina'.",
      "name": "Leo Tolstoy"
    },
    {
      "bio": "Writer of 'Oliver Twist' and 'A Tale of Two Cities'.",
      "name": "Charles Dickens"
    },
    {
      "bio": "Known for 'The Old Man and the Sea' and 'A Farewell to Arms'.",
      "name": "Ernest Hemingway"
    },
    {
      "bio": "Colombian novelist famous for 'One Hundred Years of Solitude'.",
      "name": "Gabriel García Márquez"
    }
  ]
}
```



```
1 package com.myTraining.core.models.impl;
2
3 import com.myTraining.core.models.AuthorModel;
4 import com.myTraining.core.services.CustomConfig;
5 import com.myTraining.core.services.CustomServiceInt;
6 import org.apache.sling.api.SlingHttpServletRequest;
7 import org.apache.sling.api.resource.Resource;
8 import org.apache.sling.models.annotations.Model;
9 import org.apache.sling.models.annotations.injectorspecific.OSGiService;
10 import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;
11 import org.osgi.service.component.annotations.Reference;
12 import org.slf4j.Logger;
13 import org.slf4j.LoggerFactory;
14
15 import javax.annotation.PostConstruct;
16 import java.util.ArrayList;
17 import java.util.Collections;
18 import java.util.Date;
19 import java.util.List;
20
21 @Model(adaptables = SlingHttpServletRequest.class, adapters = AuthorModel.class)
22 public class AuthorModelImpl implements AuthorModel {
23
24     private static final Logger LOG = LoggerFactory.getLogger(AuthorModelImpl.class);
25
26     @ValueMapValue
27     private String authorName;
28
29     @ValueMapValue
30     private String authorBio;
31
32     @ValueMapValue
33     private Date dob;
34 }
```



Problems Servers Terminal Data Source Explorer Properties

6,575 errors, 40 warnings, 2 others (Filter matched 142 of 6617 items)

Description	Resource	Path	Location	Type
> Errors (100 of 6575 items)				
> Warnings (40 items)				
> Infos (2 items)				

Writable

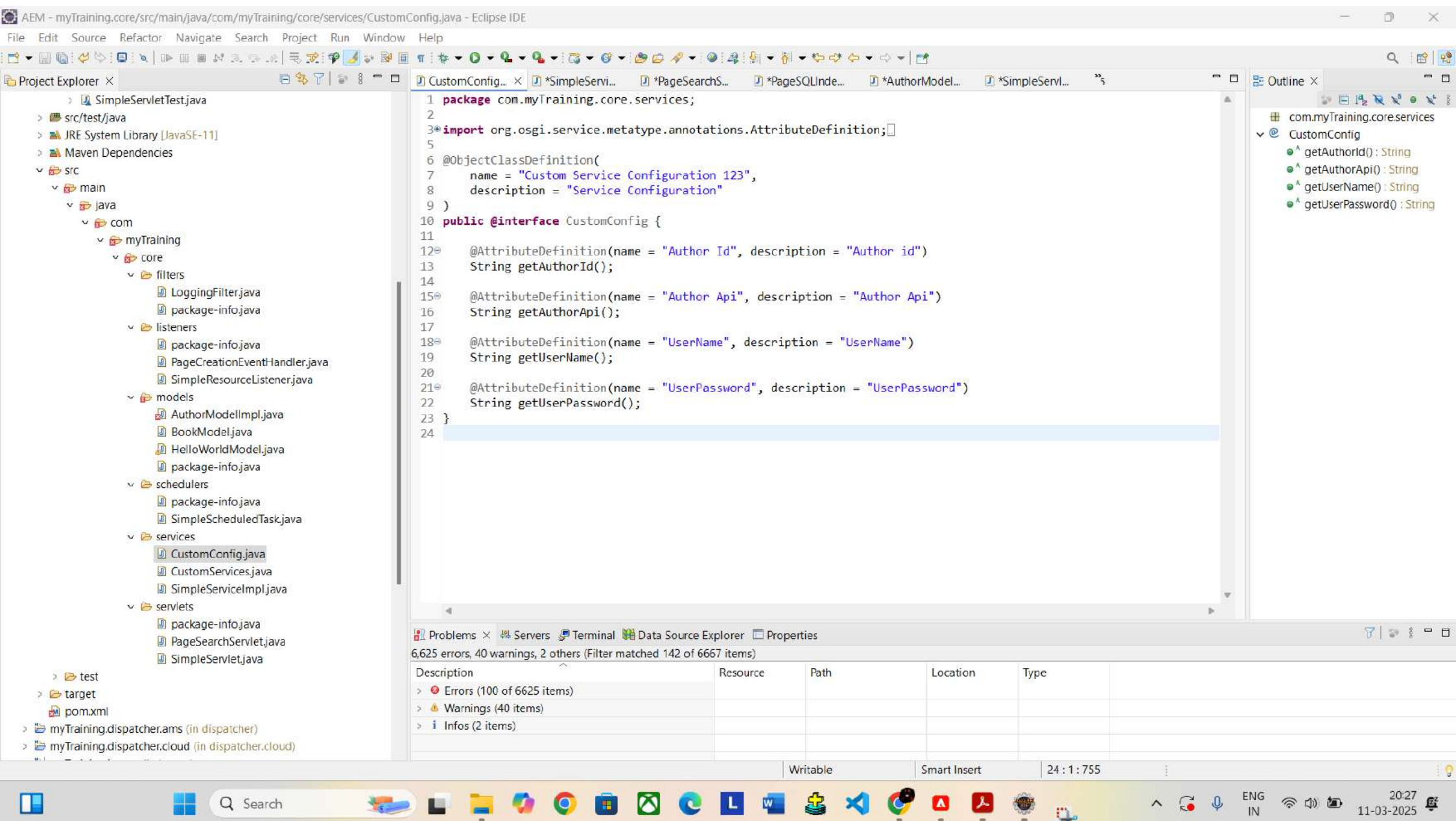
Smart Insert

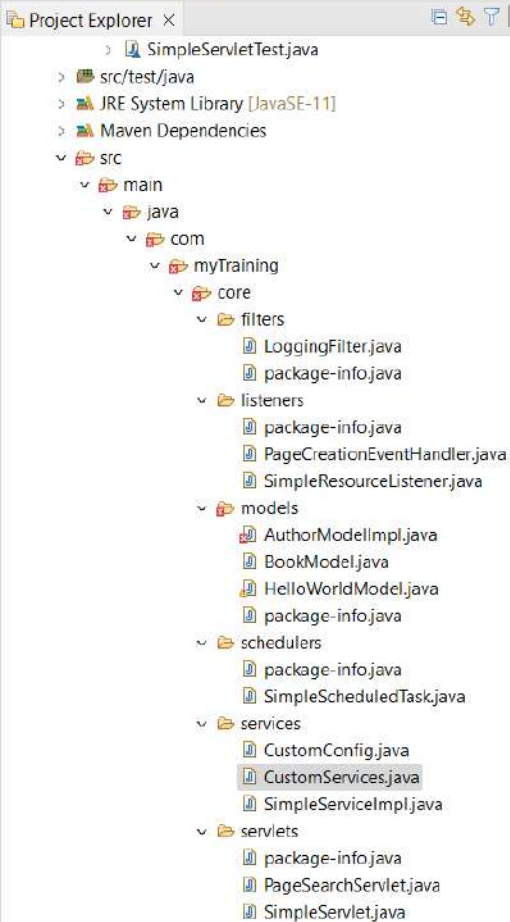
72 : 1 : 1994



Search

ENG
IN20:03
11-03-2025





```
1 import org.slf4j.Logger;
2 import org.slf4j.LoggerFactory;
3 import org.osgi.service.component.annotations.Component;
4 import org.osgi.service.component.annotations.Activate;
5 import org.osgi.service.component.annotations.Designate;
6
7 @Component(
8     service = CustomServiceInt.class,
9     immediate = true,
10    property = {
11        "service.id=Custom Service",
12        "service.description=This service reads values from Configurations"
13    }
14 )
15 @Designate(ocd = CustomConfig.class)
16 public class CustomServices implements CustomServiceInt {
17
18     private static final Logger LOGGER = LoggerFactory.getLogger(CustomServices.class);
19
20     private CustomConfig configuration;
21
22     @Activate
23     protected void activate(CustomConfig configuration) {
24         LOGGER.info("----- Inside Activate Method -----");
25         this.configuration = configuration;
26     }
27
28     @Override
29     public String getAuthorId() {
30         return configuration.getAuthorId() + " hello";
31     }
32
33     @Override
34     public String getAuthorAni() {
```

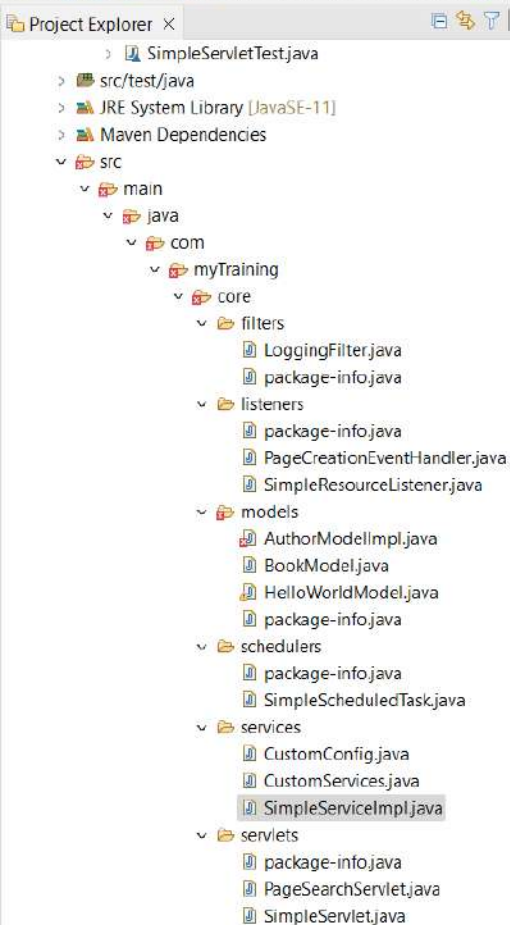
6,625 errors, 40 warnings, 2 others (Filter matched 142 of 6667 items)

Description	Resource	Path	Location	Type
> Errors (100 of 6625 items)				
> Warnings (40 items)				
> Infos (2 items)				

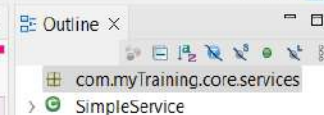
Writable

Smart Insert

48 : 1 : 1319



```
1 package com.myTraining.core.services;
2
3 import org.osgi.service.component.annotations.Component;
4 import org.osgi.service.component.annotations.Reference;
5
6 @Component(
7     service = SimpleInt.class
8 )
9 public class SimpleService implements SimpleInt {
10
11     @Reference
12     CustomServiceInt cs;
13
14     @Override
15     public String getHelloWorld() {
16         return "This is simple hello world from simple service " + cs.getUserName();
17     }
18 }
19
```



Problems Servers Terminal Data Source Explorer Properties

6,625 errors, 40 warnings, 2 others (Filter matched 142 of 6667 items)

Description	Resource	Path	Location	Type
> Errors (100 of 6625 items)				
> Warnings (40 items)				
> Infos (2 items)				

Writable

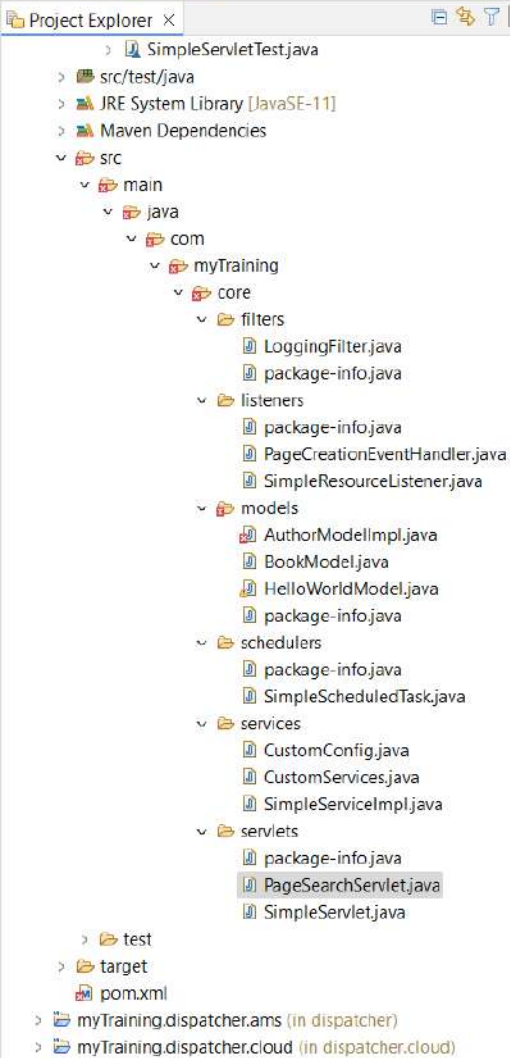
Smart Insert

2:1:39

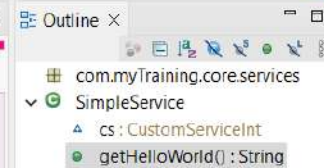


Search

ENG
IN20:29
11-03-2025



```
1 package com.myTraining.core.services;
2
3 import org.osgi.service.component.annotations.Component;
4 import org.osgi.service.component.annotations.Reference;
5
6 @Component(
7     service = SimpleInt.class
8 )
9 public class SimpleService implements SimpleInt {
10
11     @Reference
12     CustomServiceInt cs;
13
14     @Override
15     public String getHelloWorld() {
16         return "This is simple hello world from simple service " + cs.getUserName();
17     }
18 }
19
```



Problems Servers Terminal Data Source Explorer Properties

6,625 errors, 40 warnings, 2 others (Filter matched 142 of 6667 items)

Description	Resource	Path	Location	Type
> Errors (100 of 6625 items)				
> Warnings (40 items)				
> Infos (2 items)				

Project Explorer

- SimpleServletTest.java
- src/test/java
- JRE System Library [JavaSE-11]
- Maven Dependencies
- src
 - main
 - java
 - com
 - myTraining
 - core
 - filters
 - LoggingFilter.java
 - package-info.java
 - listeners
 - package-info.java
 - PageCreationEventHandler.java
 - SimpleResourceListener.java
 - models
 - AuthorModelImpl.java
 - BookModel.java
 - HelloWorldModel.java
 - package-info.java
 - schedulers
 - package-info.java
 - SimpleScheduledTask.java
 - services
 - CustomConfig.java
 - CustomServices.java
 - SimpleServiceImpl.java
 - servlets
 - package-info.java
 - PageSearchServlet.java
 - SimpleServlet.java
 - test
 - target
 - pom.xml
 - myTraining.dispatcher.ams (in dispatcher)
 - myTraining.dispatcher.cloud (in dispatcher.cloud)

```
2* Copyright 2015 Adobe Systems Incorporated
16 package com.myTraining.core.servlets;
17
18*import com.day.cq.commons.jcr.JcrConstants;
32
33/**
34 * Servlet that writes some sample content into the response. It is mounted for
35 * all resources of a specific Sling resource type. The
36 * {@link SlingSafeMethodsServlet} shall be used for HTTP methods that are
37 * idempotent. For write operations use the {@link SlingAllMethodsServlet}.
38 */
39 @Component(service = { Servlet.class })
40 @SlingServletResourceTypes(
41     resourceTypes="myTraining/components/page",
42     methods=HttpConstants.METHOD_GET,
43     extensions="txt")
44 @ServiceDescription("Simple Demo Servlet")
45 public class SimpleServlet extends SlingSafeMethodsServlet {
46
47     private static final long serialVersionUID = 1L;
48
49     @Override
50     protected void doGet(final SlingHttpServletRequest req,
51         final SlingHttpServletResponse resp) throws ServletException, IOException {
52         final Resource resource = req.getResource();
53         resp.setContentType("text/plain");
54         resp.getWriter().write("Title = " + resource.getValueMap().get(JcrConstants.JCR_TITLE));
55     }
56 }
57
```

Outline

- com.myTraining.core.servlets
 - SimpleServlet
 - serialVersionUID : long
 - doGet(SlingHttpServletRequest)

Problems Servers Terminal Data Source Explorer Properties

6,625 errors, 40 warnings, 2 others (Filter matched 142 of 6667 items)

Description	Resource	Path	Location	Type
> Errors (100 of 6625 items)				
> Warnings (40 items)				
> Infos (2 items)				

Writable

Smart Insert

2:1:4



Search

ENG
IN20:30
11-03-2025



```
1 import org.json.JSONArray;
2 import org.json.JSONException;
3 import org.json.JSONObject;
4 import org.osgi.service.component.annotations.Component;
5 import org.slf4j.Logger;
6 import org.slf4j.LoggerFactory;
7 import javax.servlet.ServletException;
8 import java.io.IOException;
9 import java.util.Optional;
10 import com.day.cq.search.QueryBuilder;
11 import org.apache.sling.api.SlingHttpServletRequest;
12 import org.apache.sling.api.SlingHttpServletResponse;
13 import org.apache.sling.api.servlets.SlingSafeMethodsServlet;
14 import org.apache.sling.servlets.annotations.SlingServletPaths;
15
16 @Component(service = javax.servlet.Servlet.class)
17 @SlingServletPaths("/bin/training/sqlindexingsearch")
18 public class PageSQLIndexSearchServlet extends SlingSafeMethodsServlet {
19
20     private static final Logger LOGGER = LoggerFactory.getLogger(PageSQLIndexSearchServlet.class);
21     private static final String SEARCH_PATH = "/content/myTraining/us";
22
23     @Override
24     protected void doGet(SlingHttpServletRequest request, SlingHttpServletResponse response) throws IOException {
25         response.setContentType("application/json");
26         response.setCharacterEncoding("UTF-8");
27
28         String searchText = Optional.ofNullable(request.getParameter("searchText")).orElse("").trim();
29         LOGGER.info("🔍 Searching for pages with text: {}", searchText);
30
31         JSONArray resultsArray = new JSONArray();
32         JSONObject jsonResponse = new JSONObject();
33
34         if (searchText.isEmpty()) {
```

Problems × Servers × Terminal × Data Source Explorer × Properties

6,625 errors, 40 warnings, 2 others (Filter matched 142 of 6667 items)

Description	Resource	Path	Location	Type
> 🚫 Errors (100 of 6625 items)				
> ⚠️ Warnings (40 items)				
> ⓘ Infos (2 items)				

Writable

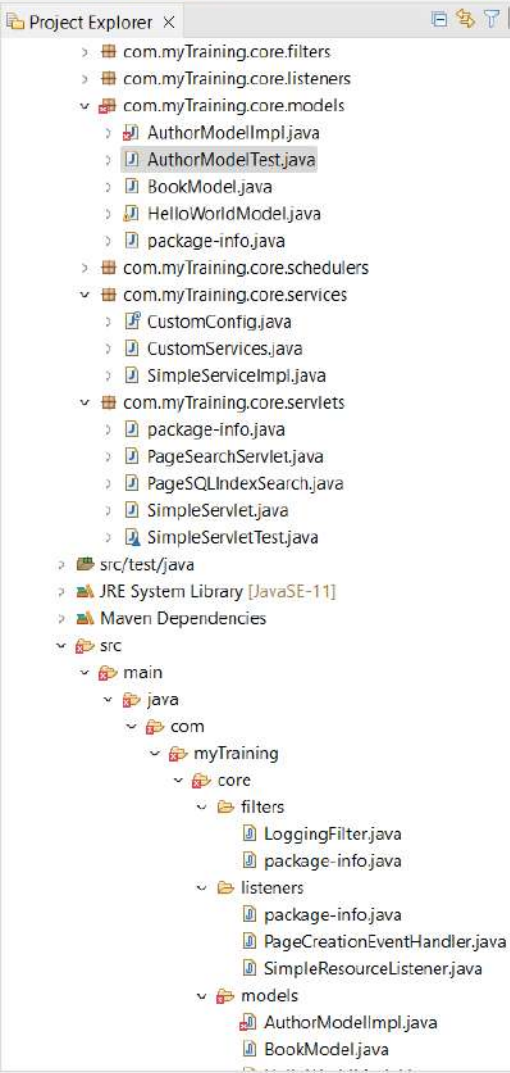
Smart Insert

57 : 1 : 2210

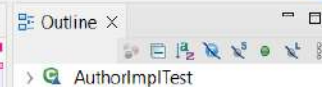


Search

ENG
IN20:31
11-03-2025



```
5 import io.wcm.testing.mock.aem.context.AemContext;
6
7 class AuthorImplTest {
8
9     private final AemContext aemContext = new AemContext();
10
11     private AuthorModel authorModel;
12
13     @BeforeEach
14     void setUp() {
15         aemContext.addModelsForClasses(AuthorModel.class);
16         // aemContext.load().json("/resource/com/myTraining/core/models/Author.json", "/Author");
17     }
18
19     @Test
20     void getBooks() {
21         String book = "history";
22         assertEquals("history", book);
23     }
24
25     @Test
26     void getAuthorBio() {
27         String authorBio = "authorBio";
28         assertEquals("authorBio", authorBio);
29     }
30
31     @Test
32     void getAuthorName() {
33         String authorName = "Amit";
34         assertEquals("Amit", authorName);
35     }
36 }
37
```



Problems Servers Terminal Data Source Explorer Properties

6,625 errors, 40 warnings, 2 others (Filter matched 142 of 6667 items)

Description	Resource	Path	Location	Type
> Errors (100 of 6625 items)				
> Warnings (40 items)				
> Infos (2 items)				

Writable

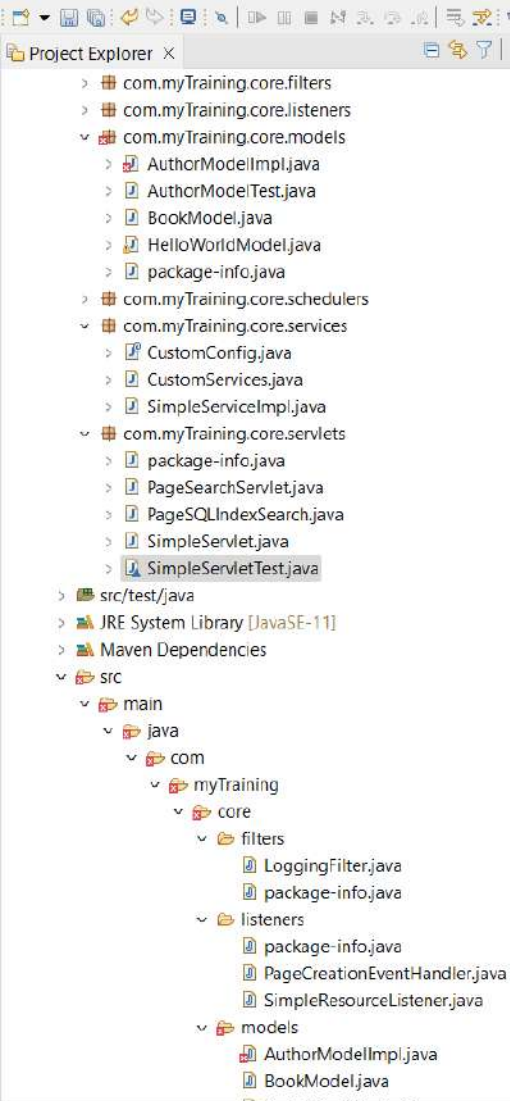
Smart Insert

37 : 1 : 911



Search

ENG
IN20:32
11-03-2025



```
7 import org.apache.sling.servlethelpers.MockSlingHttpServletRequest;
8 import org.apache.sling.servlethelpers.MockSlingHttpServletResponse;
9 import org.junit.jupiter.api.BeforeEach;
10 import org.junit.jupiter.api.Test;
11 import org.junit.jupiter.api.extension.ExtendWith;
12
13 import javax.servlet.ServletException;
14 import java.io.IOException;
15
16 @ExtendWith(AemContextExtension.class)
17 class SimpleServletTest {
18
19     private final AemContext context = new AemContext();
20     private SimpleServlet fixture;
21
22     @BeforeEach
23     void setUp() {
24         // Mocking SimpleInt service
25         SimpleInt simpleIntMock = mock(SimpleInt.class);
26         when(simpleIntMock.getHelloWorld()).thenReturn("Mocked Hello World");
27
28         // Register the mock service with the context
29         context.registerService(SimpleInt.class, simpleIntMock);
30
31         // Adapt the servlet from the context to ensure service injection works
32         fixture = context.registerInjectActivateService(new SimpleServlet());
33     }
34
35     @Test
36     void doGet() throws ServletException, IOException {
37         context.build().resource("/content/test", "jcr:title", "resource title").commit();
38         context.currentResource("/content/test");
39
40         MockSlingHttpServletRequest request = context.request();
41         MockSlingHttpServletResponse response = context.response();
42
43         fixture.doGet(request, response);
44
45         String output = response.getOutputAsString();
46         assertEquals("Title = resource titlehello serviceMocked Hello World", output.trim());
47     }
48 }
49
```

