INTEGRIVIDEO

AUTOMATION FRAMEWORK

PROJECT DESCRIPTION

Web application which give possibility for there clients to place easy different

components like: cloud video recorder, multi-device video player, chat and others to there web project.

One thing you should do is add js script on your page.

WHAT WE SHOULD TEST?

- Projects
- Components
- Billing
- Chat

TECHNOLOGIES

- Java
- Maven
- TestNg
- Allure Report
- Selenium WebDriver
- GitLab
- Hamcrest
- Log4j
- REST Assured
- Lombok
- JavaFaker

INTERESTING LIBRARIES

Lombok:

@Getter / @Setter – easy creating of getters and setters

@ToString – implement basic toString() method

@EqualsAndHashCode – easy creating of equals() and hashCode() methods

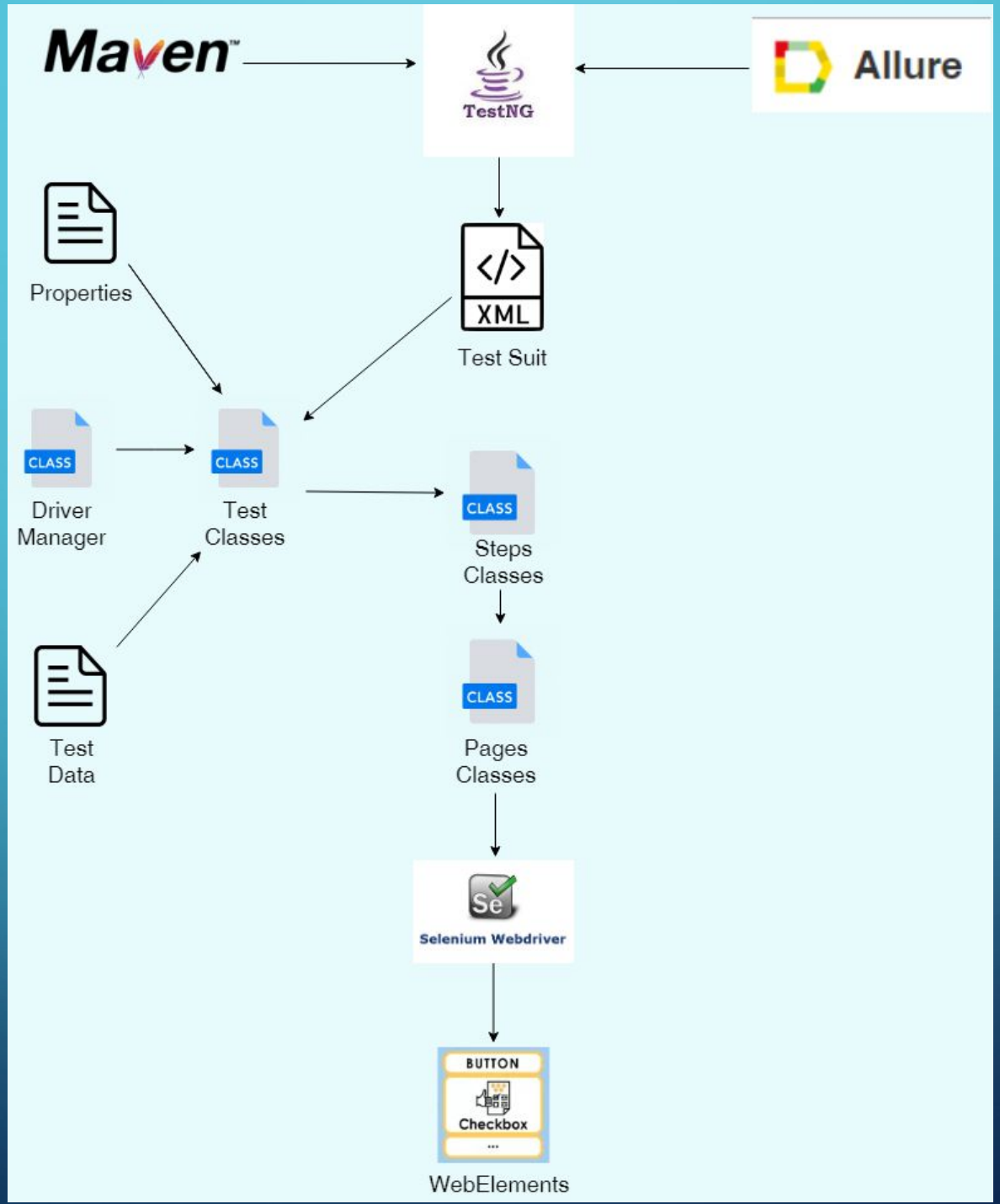
@Data – include @ToString, @EqualsAndHashCode, @Getter, @Setter

@Builder – implement builder pattern

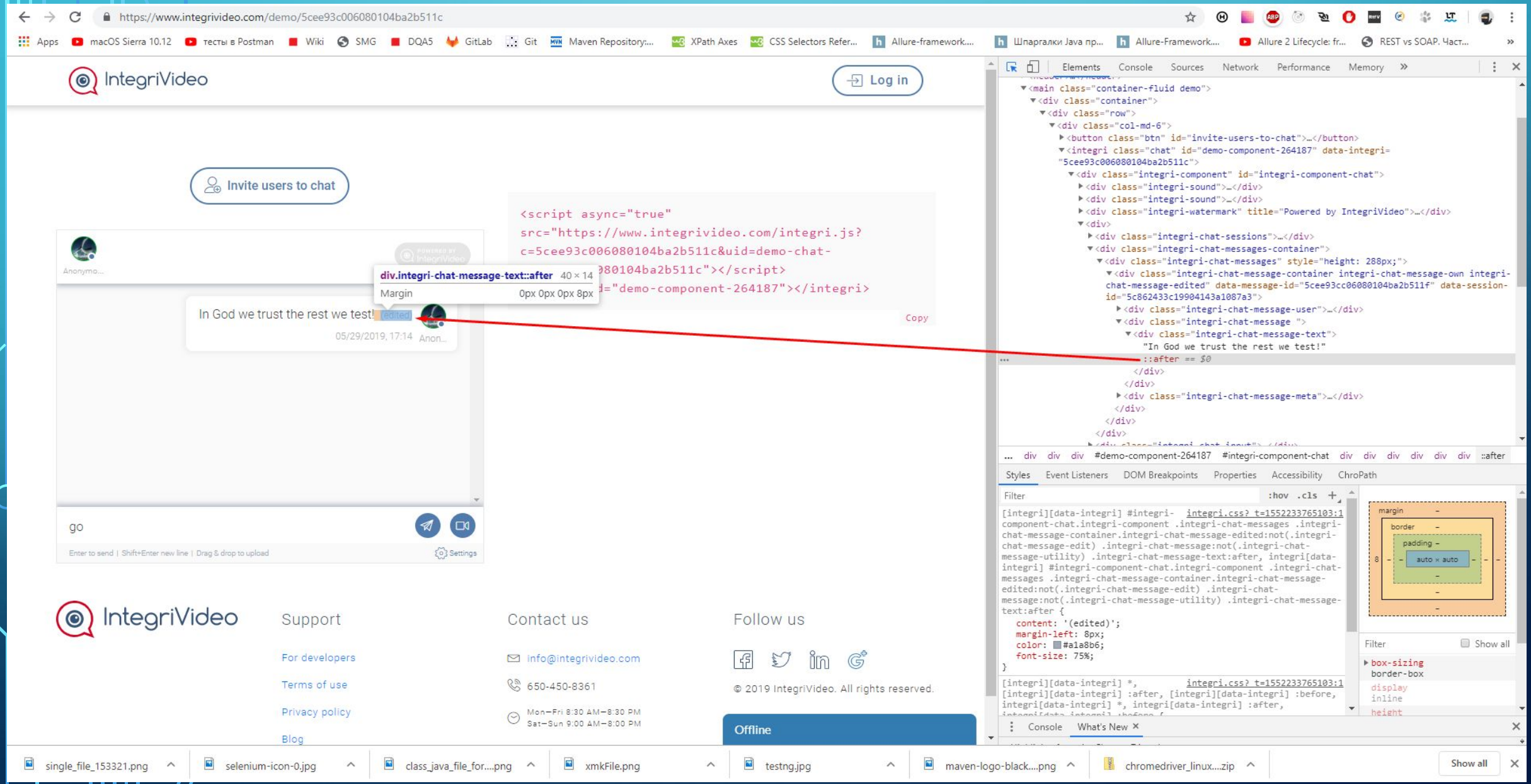
@Log – add logger initialization

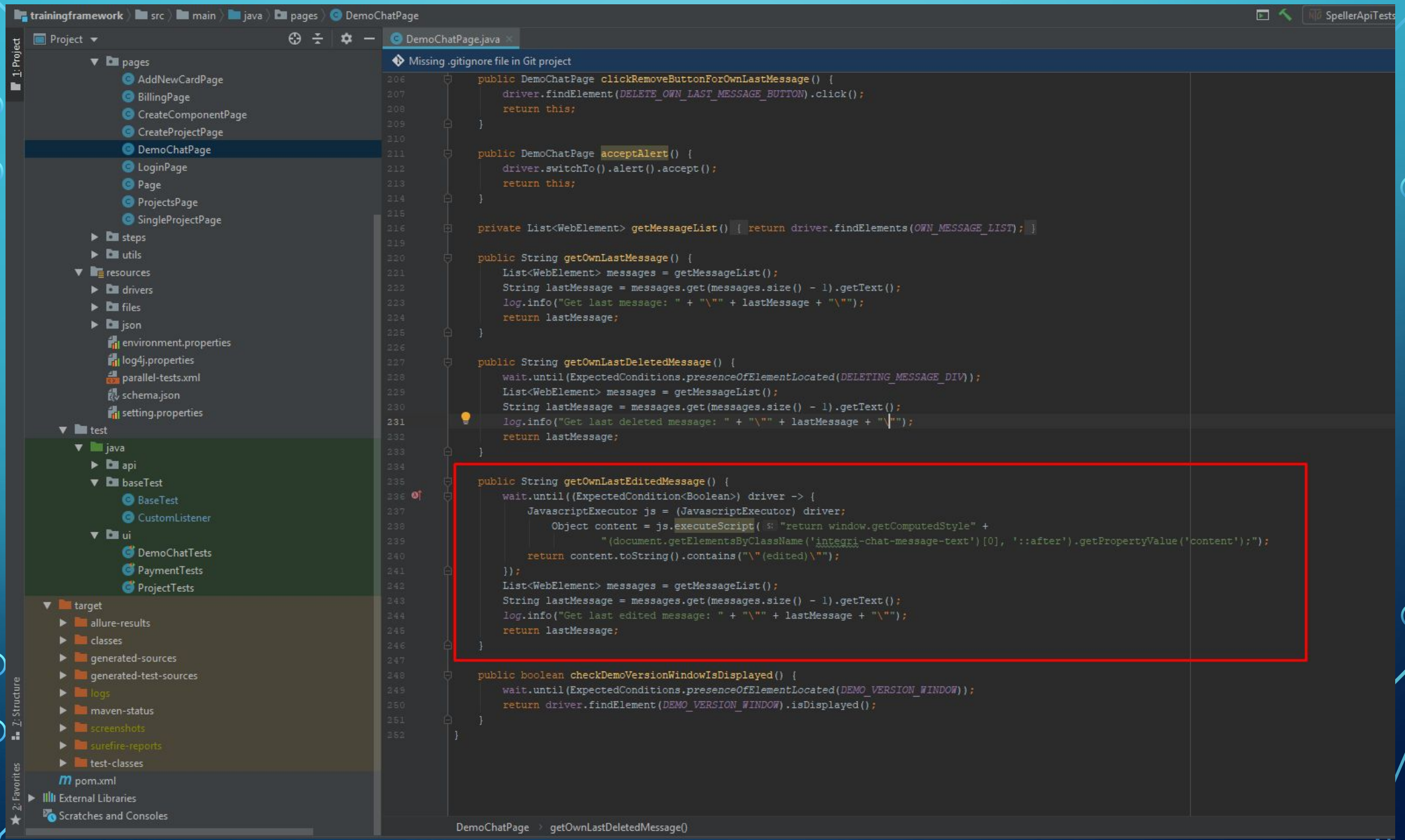
JavaFaker

Give possibility generate different tests data like: Address, Company, Finance, Phone number, Name, University. And also Game of The Thrones, Beer and Music.

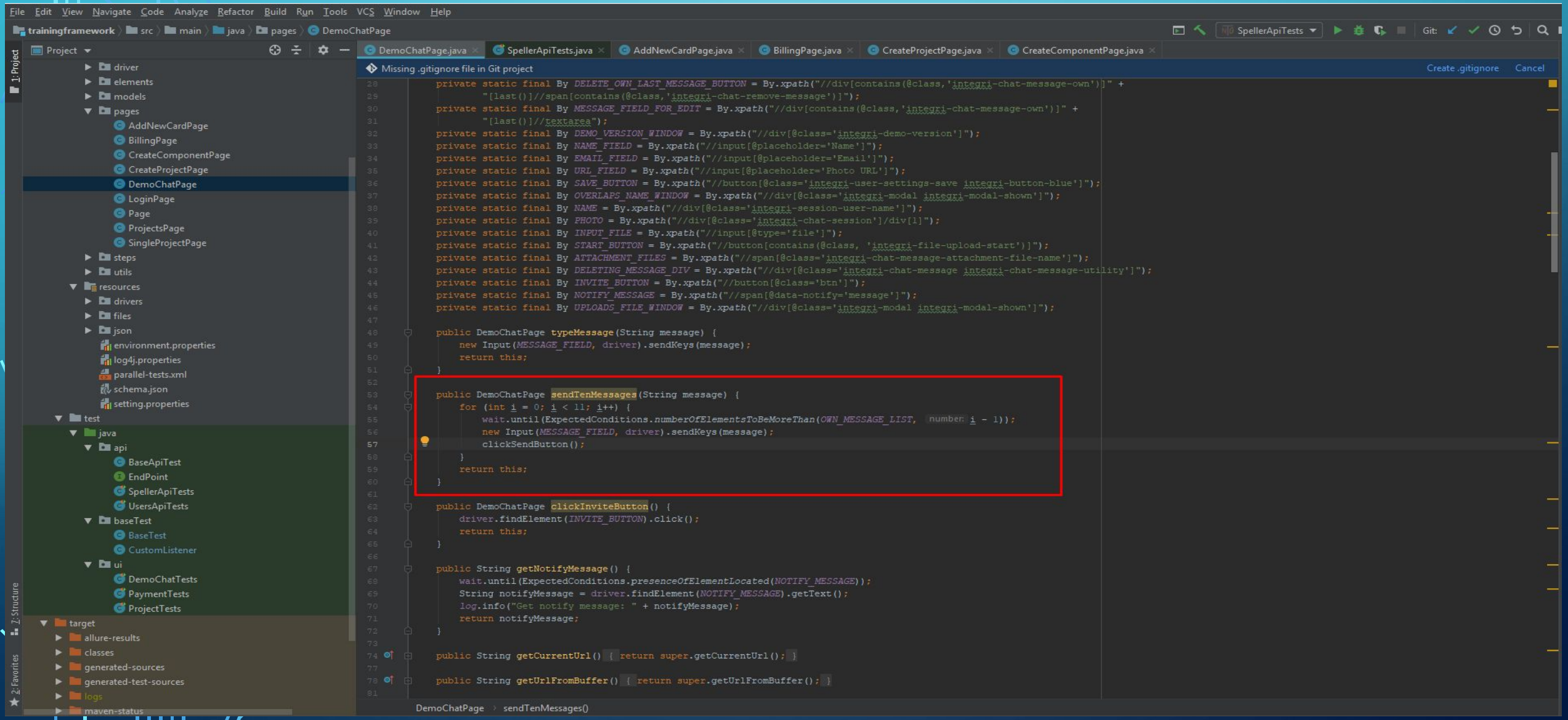

Maven
TestNG
Allure
Properties
XML
Test Suit
CLASS
Driver Manager
CLASS
Test Classes
CLASS
Steps Classes
Test Data
CLASS
Pages Classes
Selenium Webdriver
BUTTON
Checkbox
...
WebElements

HOW UNDERSTAND THAT MESSAGE HAS ALREADY EDITED

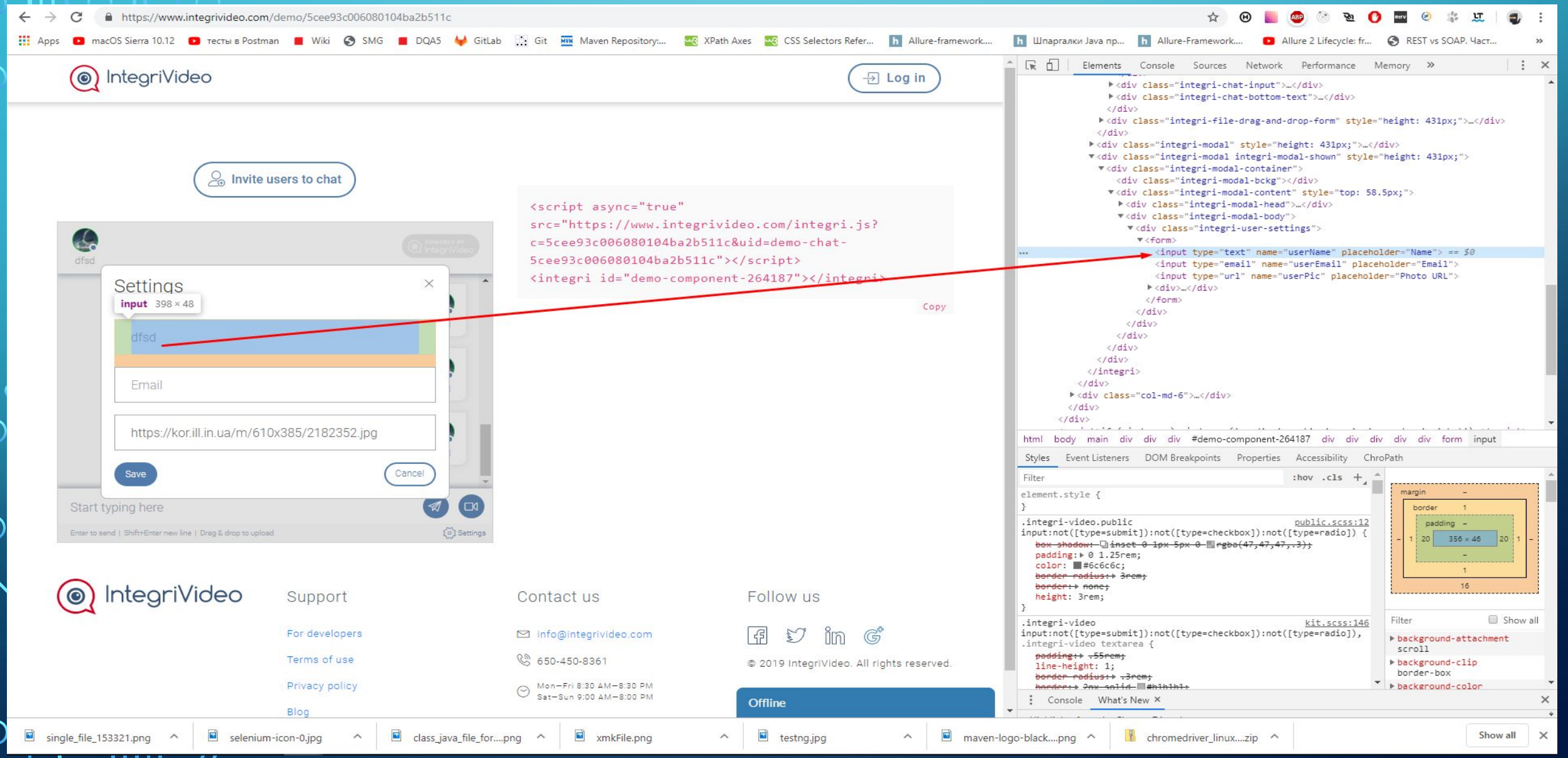



trainingframework
src
main
java
pages
DemoChatPage
SpellerApiTests
Project
DemoChatPage.java
Missing .gitignore file in Git project
pages
AddNewCardPage
BillingPage
CreateComponentPage
CreateProjectPage
DemoChatPage
LoginPage
Page
ProjectsPage
SingleProjectPage
steps
utils
resources
drivers
files
json
environment.properties
log4j.properties
parallel-tests.xml
schema.json
setting.properties
test
java
api
baseTest
BaseTest
CustomListener
ui
DemoChatTests
PaymentTests
ProjectTests
target
allure-results
classes
generated-sources
generated-test-sources
logs
maven-status
screenshots
surefire-reports
test-classes
pom.xml
External Libraries
Scratches and Consoles
public DemoChatPage clickRemoveButtonForOwnLastMessage() {
driver.findElement(DELETE_OWN_LAST_MESSAGE_BUTTON).click();
return this;
}
public DemoChatPage acceptAlert() {
driver.switchTo().alert().accept();
return this;
}
private List<WebElement> getMessageList() { return driver.findElements(OWN_MESSAGE_LIST); }
public String getOwnLastMessage() {
List<WebElement> messages = getMessageList();
String lastMessage = messages.get(messages.size() - 1).getText();
log.info("Get last message: " + "\"" + lastMessage + "\"");
return lastMessage;
}
public String getOwnLastDeletedMessage() {
wait.until(ExpectedConditions.presenceOfElementLocated(DELETING_MESSAGE_DIV));
List<WebElement> messages = getMessageList();
String lastMessage = messages.get(messages.size() - 1).getText();
log.info("Get last deleted message: " + "\"" + lastMessage + "\"");
return lastMessage;
}
public String getOwnLastEditedMessage() {
wait.until((ExpectedCondition<Boolean>) driver -> {
JavascriptExecutor js = (JavascriptExecutor) driver;
Object content = js.executeScript(s: "return window.getComputedStyle" +
"(document.getElementsByClassName('integri-chat-message-text')[0], '::after').getPropertyValue('content');");
return content.toString().contains("\"(edited)\"");
});
List<WebElement> messages = getMessageList();
String lastMessage = messages.get(messages.size() - 1).getText();
log.info("Get last edited message: " + "\"" + lastMessage + "\"");
return lastMessage;
}
public boolean checkDemoVersionWindowIsDisplayed() {
wait.until(ExpectedConditions.presenceOfElementLocated(DEMO_VERSION_WINDOW));
return driver.findElement(DEMO_VERSION_WINDOW).isDisplayed();
}
}
DemoChatPage
getOwnLastDeletedMessage()

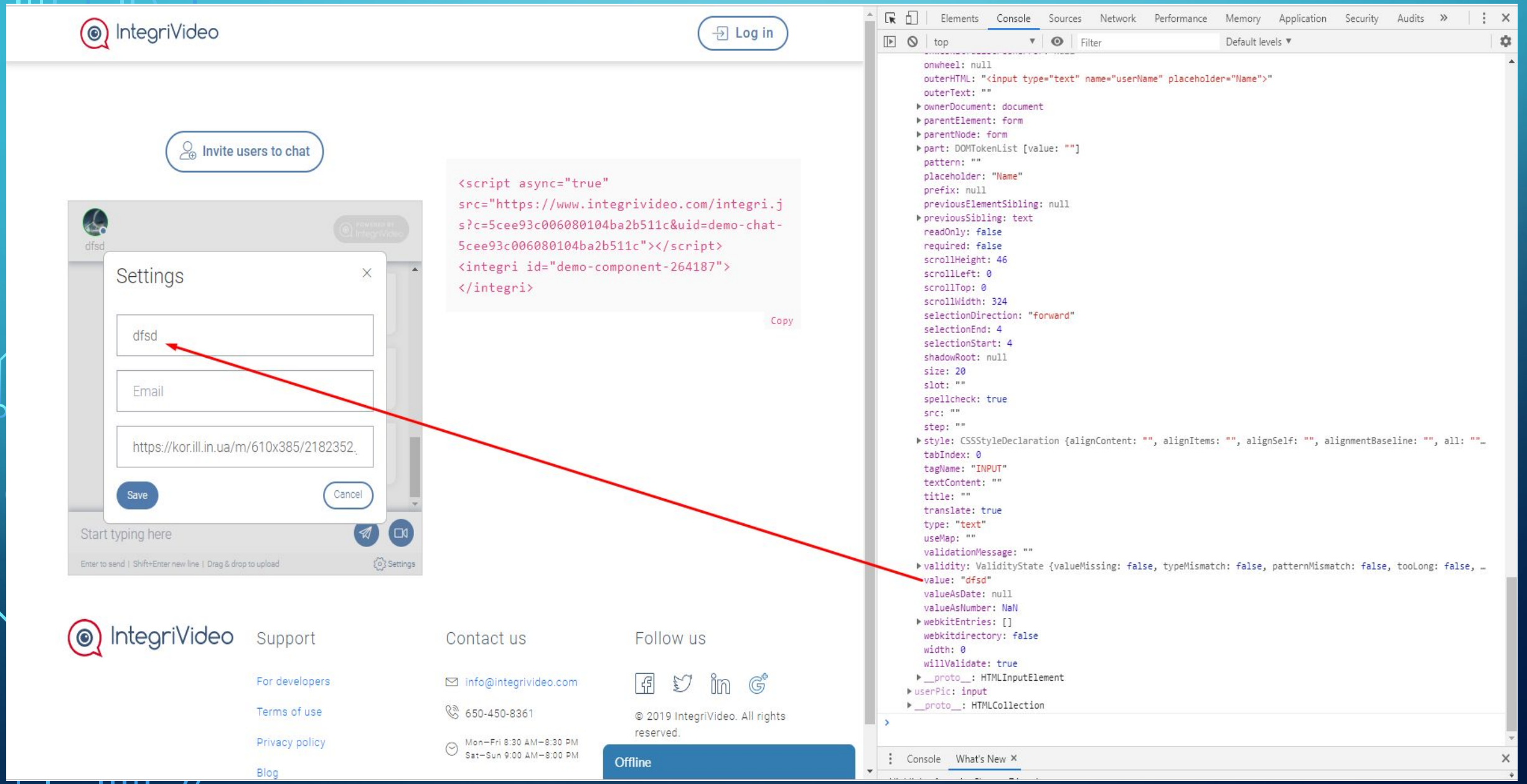
HOW UNDERSTAND THAT MESSAGE HAS ALREADY SENT



HOW GET THE VALUE?



document.getElementsByTagName('input')



MINUSES

- No models
- No elements wrapper (logs, waiters)
- No exception handling

REST ASSURED

- BaseApiTest contains requestSpec and responsSpec
- EndPoint