

OSTROVOK.RU

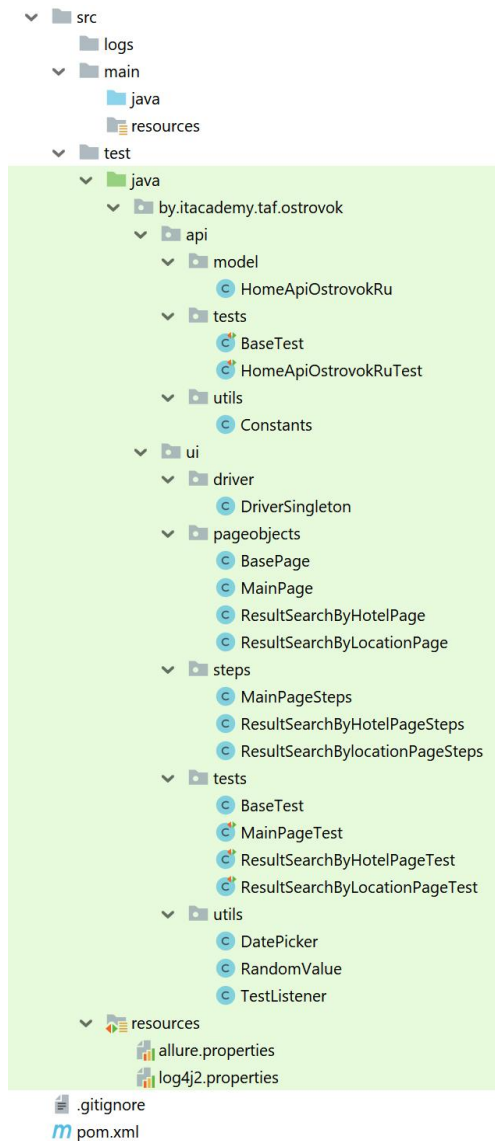
БРОНИРОВАНИЕ ОТЕЛЕЙ

АВТОМАТИЗИРОВАННЫЙ ФРЕЙМВОРК ДЛЯ ТЕСТИРОВАНИЯ

Подготовил:

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АРХИТЕКТУРА:



ТЕХНОЛОГИИ:

- 1 Java8
- 2 Selenium
- 3 Maven
- 4 TestNG
- 5 Rest Assured
- 6 Jenkins
7. Log4j
- 8 Allure Report

ПАТТЕРНЫ:

- 1 Page Object
- 2 Page Factory
- 3 Singleton
- 4 Steps
- 5 Chain of invocations

UI Тестирование:

1.Формы регистрации

| | |
|--|--|
| <p>Log in or Sign up</p> <div>Email address example@gmail.com</div> <div>Sign up</div> <p>or log in by using your social network account</p> | <p>Log in or Sign up</p> <div>Please enter a valid e-mail address. There might be spelling mistakes or typos.</div> <div>Email address examplegmail.com</div> <div>Sign up</div> <p>or log in by using your social network account</p> |
|--|--|

Создан класс для рандомной генерации валидных и не валидных значений

```
public class RandomValue {  
    public static String randomValidEmail = (RandomStringUtils.randomAlphabetic(3, 12) + "@gmail.com").toLowerCase();  
    public static String randomInvalidEmail = RandomStringUtils.randomAlphabetic(3, 12);  
}
```

2.1Поиска по локации

| | | | | |
|------------------------------|------------------------|-------------------------|--------------------------|--------|
| Destination Paris, France | Check-in Sep 3 2022 | Check-out Sep 4 2022 | 1 room for 2 guests ▼ | Search |
|------------------------------|------------------------|-------------------------|--------------------------|--------|

String `inputDestinationString` = "Heliport De Paris, France"; Меняя строку код остается рабочим

В выпадающем списке локаций выбираем локацию введенную ранее

```
private String getInputDestinationXPathExpression() {  
    return  "//div[@class='Suggest-module__destination--17nJ9'][@title='"+  
    getInputDestinationString() +"'"]";  
}
```

Выбор и проверка дат осуществляется с помощью `class DatePicker:`

```
calendar.add(Calendar.DATE, +4);  
Date dateCheckIn = calendar.getTime();  
calendar.add(Calendar.DATE, +14);  
Date dateCheckOut = calendar.getTime();
```

Дополнительные действия:

уменьшения количества взрослых на 1
`public MainPage clickButtonAdultMinus()`

добавление 2-х летнего ребенка
`public MainPage
clickButtonAddChildTwoYearsOld()`

Проверка выбранных параметров данной страницы и кнопки search.

2.2 Проверка страницы с результатом:

The screenshot displays a hotel booking application interface. At the top, a search bar contains 'Heliport De Paris, Fra...' with a magnifying glass icon. Below it, a date picker shows '3 Sep 2022 - 4 Sep 2022' and '1 room for 3 guests'. A map view shows three location pins. A 'My favorites' section with a heart icon and a 'Sort by' dropdown set to 'popularity' are also visible. The main content area features a large image of a restaurant interior with the word 'RESTAURANT' overlaid. To the right of the image, the hotel name 'ibis Paris Tour Eiffel Cambronne 15ème' is displayed, along with its address '2 Rue Cambronne, Paris', distance from the search location '3.7km from the Heliport De Paris center', and '102m from Cambronne'. A rating of 7.4 with 6645 reviews is shown. Below the image, details for a 'Superior Double room for 3 guests' are listed, including 'full double bed', 'No meals', 'No free cancellation', and 'Pay online'. The price 'BYN 769' is shown for a night for 2 adults and 1 child. A 'More info' button is located at the top right of the hotel card. A banner at the top right of the main content area reads 'Check the entry requirements and the current COVID-19 restrictions'.

```
Assert.assertEquals(resultSearchByLocationPage.getRegionInfoText(),
mainPage.getInputDestinationString(), "actual destination does not match with input destination" );

Assert.assertEquals(resultSearchByLocationPage.getRegionInfoCheckInDateText(),
datePicker.pickCheckInDate(), "actual Check in date does not match chosen check IN date");
Assert.assertEquals(resultSearchByLocationPage.getRegionInfoCheckOutDateText(),
Assert.assertEquals(resultSearchByLocationPage.countInHotelCardsCorrectLocation(),resultSearchByLocat
ionPage.countofHotelCards(),"Location of hotel/hotels in 1st search page does not match with typed
Location");
Assert.assertEquals(resultSearchByLocationPage.getRegionInfoGetGuests(),
mainPage.getCountedNumberOfGuests(), "actual number of guests does not match input number of guests");
Assert.assertEquals(resultSearchByLocationPage.getHeaderText(),
resultSearchByLocationPage.getHotelLocationWithoutCountry(), "HeaderLocation does not match input
Location");
```


3.Поиска по конкретному названию отеля

```
private String inputHotelName = "Radisson Slavyanskaya Hotel & Business Center,  
Moscow";
```

★★★★ until June 3, 2024 ?

Radisson Slavyanskaya Hotel & Business Center, Moscow

Europe Square, 2, Moscow • Show on the map • What else is nearby?

3.4km from the city center • 205m from Kiyevskaya (Filyovskaya)

from BYN 229

Show rooms

Guests' Choice - 2021

Excellent **8.5**

Guest remarks

"Good location"
174 reviews

"Fairly good pool"
54 reviews

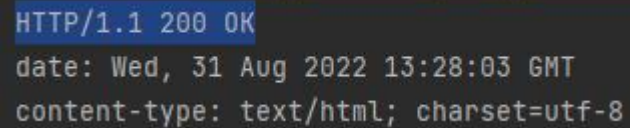
Read all reviews

4.Проверка что отель соответствует запрашиваемому

```
Assert.assertEquals(resultSearchByHotelPage.getNameOfTheOpenedHotel(),  
resultSearchByHotelPage.getInputHotelName(), "Opened Hotel does not match with  
inputNameHotel");
```

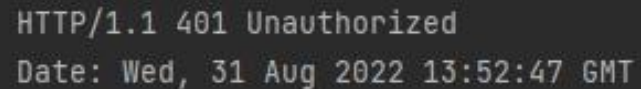
API тестирование:

```
public void testIsResponseOK() {  
    Assert.assertEquals(Constants.codeOK,  
homeApiOstrovokRu.getResponseCode(Constants.BASE_URL));  
}
```



```
HTTP/1.1 200 OK  
date: Wed, 31 Aug 2022 13:28:03 GMT  
content-type: text/html; charset=utf-8
```

```
public void testIsResponseUnauthorized() {  
    Assert.assertEquals(Constants.codeUnauthorized,  
homeApiOstrovokRu.postResponseCode(Constants.BASE_URL));  
}
```



```
HTTP/1.1 401 Unauthorized  
Date: Wed, 31 Aug 2022 13:52:47 GMT
```

Allure report:

