

OSTROVOK.RU

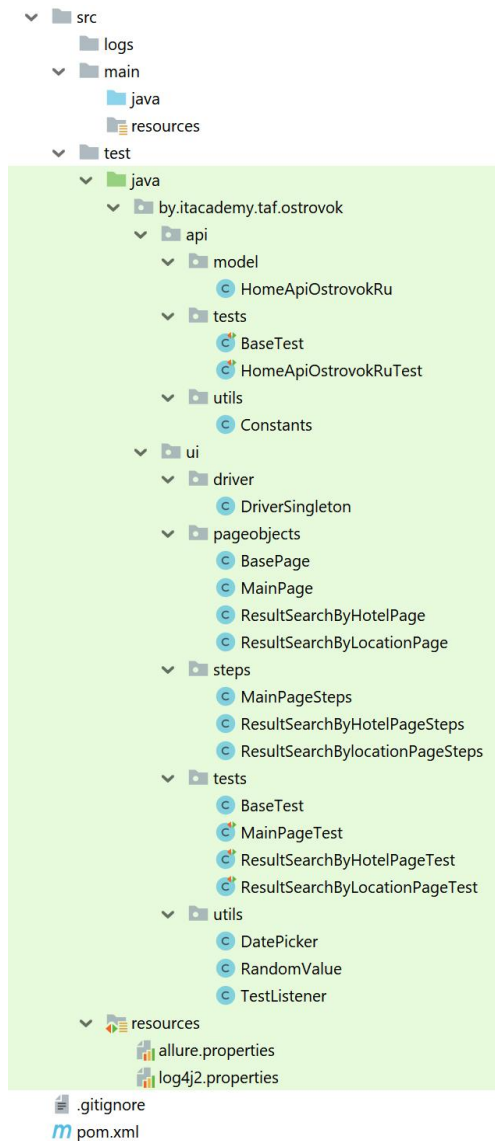
БРОНИРОВАНИЕ ОТЕЛЕЙ

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 Factory
- 2 Singleton
- 3 Steps
- 4 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>
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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
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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 shows a hotel booking app interface. On the left, there is a sidebar with a search bar containing 'Heliport De Paris, Fra...' (highlighted with a red box), a date picker for '3 Sep 2022 - 4 Sep 2022' (highlighted with a green box), a guest selection for '1 room for 3 guests' (highlighted with a blue box), a map view toggle, a 'My favorites' button, and a 'Sort by' dropdown set to 'popularity'. The main content area features a header with a calendar icon, the text 'Heliport De Paris' (highlighted with a red box), and '506 out of 6651 hotels are available' (highlighted with a red box). Below this is a red banner with the text 'Check the entry requirements and the current COVID-19 restrictions' and a 'More info' button. The main card displays a restaurant image, the hotel name 'ibis Paris Tour Eiffel Cambronne 15ème' (highlighted with a red box), its address '2 Rue Cambronne, Paris' (highlighted with a red box), and distances '3.7km from the Heliport De Paris center' (highlighted with a red box) and '102m from Cambronne'. The card also shows a rating of 7.4, a price of 'BYN 769' for a night for 2 adults and 1 child, and various amenities like 'Superior Double room for 3 guests', 'No meals', 'No free cancellation', and 'Pay online'.

```
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(), resultSearchByLocationPage.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

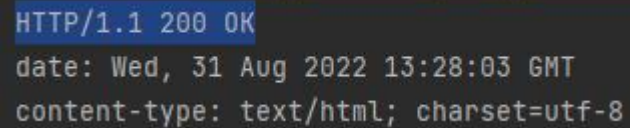
Read all reviews

4.Проверка что отель соответствует запрашиваемому

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

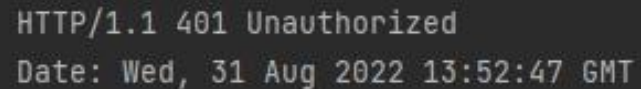
API тестирование:

```
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:

