

Jawaban Latihan

1. Object PilotModel perlu diinisiasi karena pada Object FlightModel terdapat atribut FlightModel yang perlu diisi sehingga dapat ditrace bahwa suatu Flight dilakukan oleh suatu Pilot.
2. Error pada saat create suatu FlightModel karena PilotModel memiliki sifat Not Null.
3. Method tersebut akan mengembalikan object Flight ketika pencarian Flight dengan Flight Number tersebut ada.
4. Method tersebut akan mengembalikan object Flight ketika pencarian Flight dengan menggunakan method dari "flightService" dengan parameter Flight Number tersebut ada.
5. Method tersebut melakukan test status response isOk atau tidak.
6. Method tersebut melakukan test dengan mencocokkan data Flight Number yang dihasilkan dari akses ke response body dengan *JsonPath* expression dengan data Flight Number yang dihasilkan dari hasil getFlightNumber dari object Flight tersebut.
7. Anotasi `@ResponseBody` memberitahu controller object yang dikembalikan dan diubah secara otomatis menjadi tipe data JSON. Dalam hal ini data yang diubah adalah object Flight tersebut.

Hasil Load Testing

NewDriver Apache JMeter (5.0 (1840935))

File Edit Search Run Options Help

Test Plan
Thread Group
HTTP Request
View Results in Table

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: Errors Successes Configure

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
19	21:40:53.505	Thread Group ...	HTTP Request	6	Success	1490	128	6	3
20	21:40:53.704	Thread Group ...	HTTP Request	7	Success	1490	128	6	2
21	21:40:53.911	Thread Group ...	HTTP Request	5	Success	1490	128	3	0
22	21:40:54.114	Thread Group ...	HTTP Request	6	Success	1490	128	5	2
23	21:40:54.316	Thread Group ...	HTTP Request	5	Success	1490	128	5	2
24	21:40:54.532	Thread Group ...	HTTP Request	10	Success	1490	128	10	6
25	21:40:54.722	Thread Group ...	HTTP Request	10	Success	1490	128	7	2
26	21:40:54.929	Thread Group ...	HTTP Request	4	Success	1490	128	4	1
27	21:40:55.125	Thread Group ...	HTTP Request	8	Success	1490	128	8	5
28	21:40:55.323	Thread Group ...	HTTP Request	7	Success	1490	128	7	3
29	21:40:55.527	Thread Group ...	HTTP Request	11	Success	1490	128	11	3
30	21:40:55.732	Thread Group ...	HTTP Request	5	Success	1490	128	5	1
31	21:40:55.923	Thread Group ...	HTTP Request	9	Success	1490	128	9	2
32	21:40:56.142	Thread Group ...	HTTP Request	9	Success	1490	128	8	2
33	21:40:56.333	Thread Group ...	HTTP Request	7	Success	1490	128	7	1
34	21:40:56.532	Thread Group ...	HTTP Request	7	Success	1490	128	7	1
35	21:40:56.739	Thread Group ...	HTTP Request	10	Success	1490	128	10	3
36	21:40:56.966	Thread Group ...	HTTP Request	5	Success	1490	128	5	1
37	21:40:57.154	Thread Group ...	HTTP Request	8	Success	1490	128	8	3
38	21:40:57.348	Thread Group ...	HTTP Request	8	Success	1490	128	8	4
39	21:40:57.552	Thread Group ...	HTTP Request	8	Success	1490	128	7	4
40	21:40:57.747	Thread Group ...	HTTP Request	8	Success	1490	128	7	2
41	21:40:57.942	Thread Group ...	HTTP Request	8	Success	1490	128	8	3
42	21:40:58.145	Thread Group ...	HTTP Request	8	Success	1490	128	8	2
43	21:40:58.352	Thread Group ...	HTTP Request	12	Success	1490	128	12	6
44	21:40:58.551	Thread Group ...	HTTP Request	8	Success	1490	128	8	4
45	21:40:58.756	Thread Group ...	HTTP Request	10	Success	1490	128	10	4
46	21:40:58.962	Thread Group ...	HTTP Request	6	Success	1490	128	5	2
47	21:40:59.186	Thread Group ...	HTTP Request	8	Success	1490	128	8	3
48	21:40:59.374	Thread Group ...	HTTP Request	7	Success	1490	128	6	1
49	21:40:59.568	Thread Group ...	HTTP Request	12	Success	1490	128	8	3
50	21:40:59.774	Thread Group ...	HTTP Request	4	Success	1490	128	4	1

Scroll automatically? Child samples? No of Samples 50 Latest Sample 4 Average 11 Deviation 10

NewDriver Apache JMeter (5.0 (1840935))

File Edit Search Run Options Help

Test Plan
Thread Group
HTTP Request
View Results in Table

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: Errors Successes Configure

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	21:40:49.895	Thread Group ...	HTTP Request	73	Success	1490	128	70	32
2	21:40:50.079	Thread Group ...	HTTP Request	7	Success	1490	128	7	2
3	21:40:50.288	Thread Group ...	HTTP Request	24	Success	1490	128	24	11
4	21:40:50.478	Thread Group ...	HTTP Request	16	Success	1490	128	15	1
5	21:40:50.682	Thread Group ...	HTTP Request	22	Success	1490	128	19	1
6	21:40:50.882	Thread Group ...	HTTP Request	12	Success	1490	128	11	2
7	21:40:51.083	Thread Group ...	HTTP Request	15	Success	1490	128	14	5
8	21:40:51.281	Thread Group ...	HTTP Request	16	Success	1490	128	15	1
9	21:40:51.496	Thread Group ...	HTTP Request	9	Success	1490	128	9	1
10	21:40:51.702	Thread Group ...	HTTP Request	6	Success	1490	128	6	1
11	21:40:51.936	Thread Group ...	HTTP Request	9	Success	1490	128	9	5
12	21:40:52.097	Thread Group ...	HTTP Request	21	Success	1490	128	15	8
13	21:40:52.311	Thread Group ...	HTTP Request	19	Success	1490	128	18	12
14	21:40:52.481	Thread Group ...	HTTP Request	21	Success	1490	128	19	9
15	21:40:52.693	Thread Group ...	HTTP Request	26	Success	1490	128	25	12
16	21:40:52.891	Thread Group ...	HTTP Request	20	Success	1490	128	19	7
17	21:40:53.093	Thread Group ...	HTTP Request	7	Success	1490	128	7	2
18	21:40:53.296	Thread Group ...	HTTP Request	8	Success	1490	128	7	1
19	21:40:53.505	Thread Group ...	HTTP Request	6	Success	1490	128	6	3
20	21:40:53.704	Thread Group ...	HTTP Request	7	Success	1490	128	6	2
21	21:40:53.911	Thread Group ...	HTTP Request	5	Success	1490	128	3	0
22	21:40:54.114	Thread Group ...	HTTP Request	6	Success	1490	128	5	2
23	21:40:54.316	Thread Group ...	HTTP Request	5	Success	1490	128	5	2
24	21:40:54.532	Thread Group ...	HTTP Request	10	Success	1490	128	10	6
25	21:40:54.722	Thread Group ...	HTTP Request	10	Success	1490	128	7	2
26	21:40:54.929	Thread Group ...	HTTP Request	4	Success	1490	128	4	1
27	21:40:55.125	Thread Group ...	HTTP Request	8	Success	1490	128	8	5
28	21:40:55.323	Thread Group ...	HTTP Request	7	Success	1490	128	7	3
29	21:40:55.527	Thread Group ...	HTTP Request	11	Success	1490	128	11	3
30	21:40:55.732	Thread Group ...	HTTP Request	5	Success	1490	128	5	1
31	21:40:55.923	Thread Group ...	HTTP Request	9	Success	1490	128	9	2
32	21:40:56.142	Thread Group ...	HTTP Request	9	Success	1490	128	8	2
33	21:40:56.333	Thread Group ...	HTTP Request	7	Success	1490	128	7	1

Scroll automatically? Child samples? No of Samples 50 Latest Sample 4 Average 11 Deviation 10