

Jawaban Latihan Tutorial 6

1. Object PilotModel perlu diinisiasi karena pada Object FlightModel terdapat atribut FlightModel yang perlu diisi sehingga dapat di-*trace* bahwa suatu Flight dilakukan oleh suatu Pilot.
2. *Error* pada saat *create* FlightModel karena PilotModel diharapkan 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* respon **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

View Results in Table (C:\Users\Reza Akbar\Downloads\apache-jmeter-5.0\bin\view-results-in-table-jmx - Apache JMeter (5.0 r1840935))

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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	Send Bytes	Latency	Connd Time(ms)
1	19.42.58.197	Thread Group 1-6	HTTP Request	5118	Success	524830	147	594	1
2	19.42.57.896	Thread Group 1-5	HTTP Request	5350	Success	524830	147	795	1
3	19.42.57.297	Thread Group 1-2	HTTP Request	5984	Success	524830	147	1304	2
4	19.42.57.788	Thread Group 1-4	HTTP Request	5666	Success	524830	147	993	1
5	19.42.57.495	Thread Group 1-1	HTTP Request	6216	Success	524830	147	1596	1
6	19.42.57.597	Thread Group 1-3	HTTP Request	5878	Success	524830	147	1198	2
7	19.42.58.588	Thread Group 1-8	HTTP Request	4901	Success	524830	147	193	1
8	19.42.58.796	Thread Group 1-9	HTTP Request	4708	Success	524830	147	146	1
9	19.42.58.386	Thread Group 1-7	HTTP Request	5146	Success	524830	147	385	1
10	19.42.58.896	Thread Group 1-10	HTTP Request	4604	Success	524830	147	130	1
11	19.42.58.395	Thread Group 1-12	HTTP Request	8535	Success	524830	147	4050	1
12	19.42.59.597	Thread Group 1-13	HTTP Request	8442	Success	524830	147	3896	1
13	19.43.00.386	Thread Group 1-17	HTTP Request	7718	Success	524830	147	3210	1
14	19.43.00.888	Thread Group 1-20	HTTP Request	7209	Success	524830	147	2680	1
15	19.43.00.196	Thread Group 1-16	HTTP Request	8056	Success	524830	147	3359	1
16	19.42.59.196	Thread Group 1-11	HTTP Request	9248	Success	524830	147	4238	1
17	19.42.58.797	Thread Group 1-14	HTTP Request	8620	Success	524830	147	3711	1
18	19.43.00.788	Thread Group 1-18	HTTP Request	8048	Success	524830	147	2928	1
19	19.42.59.896	Thread Group 1-15	HTTP Request	8851	Success	524830	147	3503	1
20	19.43.00.892	Thread Group 1-16	HTTP Request	8266	Success	524830	147	3014	1
21	19.43.01.199	Thread Group 1-21	HTTP Request	11719	Success	524830	147	8823	1
22	19.43.01.799	Thread Group 1-24	HTTP Request	11547	Success	524830	147	6478	1
23	19.43.02.000	Thread Group 1-25	HTTP Request	11302	Success	524830	147	6378	1
24	19.43.01.588	Thread Group 1-23	HTTP Request	11752	Success	524830	147	8704	1
25	19.43.02.802	Thread Group 1-28	HTTP Request	11128	Success	524830	147	6345	1
26	19.43.02.302	Thread Group 1-26	HTTP Request	11020	Success	524830	147	6164	0
27	19.43.01.399	Thread Group 1-22	HTTP Request	12583	Success	524830	147	8761	1
28	19.43.02.200	Thread Group 1-26	HTTP Request	11832	Success	524830	147	6350	1
29	19.43.03.001	Thread Group 1-30	HTTP Request	11688	Success	524830	147	6008	0
30	19.43.02.401	Thread Group 1-27	HTTP Request	12382	Success	524830	147	8326	1
31	19.43.03.201	Thread Group 1-31	HTTP Request	14439	Success	524830	147	8850	1
32	19.43.03.401	Thread Group 1-32	HTTP Request	14268	Success	524830	147	8934	1
33	19.43.03.600	Thread Group 1-33	HTTP Request	14335	Success	524830	147	9808	1
34	19.43.03.801	Thread Group 1-34	HTTP Request	14154	Success	524830	147	8622	1
35	19.43.04.001	Thread Group 1-35	HTTP Request	14031	Success	524830	147	8811	1
36	19.43.04.202	Thread Group 1-36	HTTP Request	13993	Success	524830	147	8694	1
37	19.43.04.411	Thread Group 1-39	HTTP Request	13881	Success	524830	147	8347	1
38	19.43.04.409	Thread Group 1-37	HTTP Request	14100	Success	524830	147	9559	1
39	19.43.04.602	Thread Group 1-38	HTTP Request	14108	Success	524830	147	9503	2
40	19.43.05.010	Thread Group 1-40	HTTP Request	14262	Success	524830	147	8649	1
41	19.43.05.402	Thread Group 1-42	HTTP Request	16606	Success	524830	147	12336	1
42	19.43.05.201	Thread Group 1-41	HTTP Request	17214	Success	524830	147	12530	1
43	19.43.05.603	Thread Group 1-43	HTTP Request	16840	Success	524830	147	12413	1
44	19.43.06.202	Thread Group 1-46	HTTP Request	10344	Success	524830	147	12088	1
45	19.43.06.401	Thread Group 1-48	HTTP Request	10475	Success	524830	147	12105	1

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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:

Choose

 LogDisplay Only: ☐ Errors: ☐ Successes: ☐ Configure

Sample #	Start Time	Thread Name	Label	Sample Time (ms)	Status	Bytes	Success	Sent Bytes	Latency	Conn. Time (ms)
7	19.42.58.580	Thread Group 1-8	HTTP Request	4691	Success	524830	1/1	524830	147	163
8	19.42.58.790	Thread Group 1-9	HTTP Request	4708	Success	524830	1/1	524830	147	146
9	19.42.58.296	Thread Group 1-7	HTTP Request	5148	Success	524830	1/1	524830	147	265
10	19.42.58.896	Thread Group 1-10	HTTP Request	4684	Success	524830	1/1	524830	147	130
11	19.42.58.395	Thread Group 1-12	HTTP Request	8535	Success	524830	1/1	524830	147	4050
12	19.42.58.897	Thread Group 1-13	HTTP Request	8442	Success	524830	1/1	524830	147	3898
13	19.43.00.386	Thread Group 1-17	HTTP Request	7716	Success	524830	1/1	524830	147	3219
14	19.43.00.998	Thread Group 1-20	HTTP Request	7209	Success	524830	1/1	524830	147	2680
15	19.43.00.196	Thread Group 1-16	HTTP Request	8995	Success	524830	1/1	524830	147	3359
16	19.42.58.196	Thread Group 1-11	HTTP Request	9248	Success	524830	1/1	524830	147	4238
17	19.42.58.797	Thread Group 1-14	HTTP Request	8820	Success	524830	1/1	524830	147	3711
18	19.43.00.793	Thread Group 1-18	HTTP Request	8846	Success	524830	1/1	524830	147	2828
19	19.42.58.896	Thread Group 1-15	HTTP Request	8851	Success	524830	1/1	524830	147	3503
20	19.43.00.802	Thread Group 1-18	HTTP Request	8256	Success	524830	1/1	524830	147	3014
21	19.43.01.199	Thread Group 1-21	HTTP Request	11719	Success	524830	1/1	524830	147	8823
22	19.43.01.799	Thread Group 1-24	HTTP Request	11347	Success	524830	1/1	524830	147	8478
23	19.43.02.000	Thread Group 1-25	HTTP Request	11302	Success	524830	1/1	524830	147	8378
24	19.43.01.588	Thread Group 1-23	HTTP Request	11722	Success	524830	1/1	524830	147	8704
25	19.43.02.802	Thread Group 1-28	HTTP Request	11128	Success	524830	1/1	524830	147	8345
26	19.43.02.802	Thread Group 1-29	HTTP Request	11020	Success	524830	1/1	524830	147	8154
27	19.43.01.389	Thread Group 1-22	HTTP Request	12553	Success	524830	1/1	524830	147	8781
28	19.43.02.200	Thread Group 1-26	HTTP Request	11832	Success	524830	1/1	524830	147	8309
29	19.43.03.001	Thread Group 1-30	HTTP Request	11888	Success	524830	1/1	524830	147	8806
30	19.43.02.403	Thread Group 1-27	HTTP Request	12382	Success	524830	1/1	524830	147	8336
31	19.43.03.201	Thread Group 1-31	HTTP Request	14439	Success	524830	1/1	524830	147	9850
32	19.43.03.801	Thread Group 1-32	HTTP Request	14208	Success	524830	1/1	524830	147	9824
33	19.43.03.800	Thread Group 1-33	HTTP Request	14335	Success	524830	1/1	524830	147	9806
34	19.43.03.801	Thread Group 1-34	HTTP Request	14164	Success	524830	1/1	524830	147	8622
35	19.43.04.001	Thread Group 1-35	HTTP Request	14031	Success	524830	1/1	524830	147	9811
36	19.43.04.202	Thread Group 1-36	HTTP Request	13993	Success	524830	1/1	524830	147	9694
37	19.43.04.811	Thread Group 1-39	HTTP Request	13581	Success	524830	1/1	524830	147	9347
38	19.43.04.408	Thread Group 1-37	HTTP Request	14100	Success	524830	1/1	524830	147	9569
39	19.43.04.802	Thread Group 1-38	HTTP Request	14108	Success	524830	1/1	524830	147	9503
40	19.43.05.010	Thread Group 1-40	HTTP Request	14382	Success	524830	1/1	524830	147	8849
41	19.43.05.402	Thread Group 1-42	HTTP Request	14686	Success	524830	1/1	524830	147	12336
42	19.43.05.201	Thread Group 1-41	HTTP Request	17214	Success	524830	1/1	524830	147	12630
43	19.43.05.803	Thread Group 1-43	HTTP Request	16849	Success	524830	1/1	524830	147	12413
44	19.43.06.202	Thread Group 1-46	HTTP Request	16344	Success	524830	1/1	524830	147	12086
45	19.43.06.802	Thread Group 1-45	HTTP Request	16672	Success	524830	1/1	524830	147	12108
46	19.43.06.803	Thread Group 1-44	HTTP Request	16900	Success	524830	1/1	524830	147	12253
47	19.43.06.403	Thread Group 1-47	HTTP Request	16360	Success	524830	1/1	524830	147	12071
48	19.43.06.802	Thread Group 1-48	HTTP Request	16433	Success	524830	1/1	524830	147	11984
49	19.43.06.806	Thread Group 1-49	HTTP Request	16416	Success	524830	1/1	524830	147	11972
50	19.43.07.004	Thread Group 1-50	HTTP Request	16371	Success	524830	1/1	524830	147	12447

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No of Samples: 50

Latest Sample: 50/71

Success: 100%

Failure: 0%

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