

Working with Data

@somkiat

Topics

- Use configuration
- Using example data with test
- Step-by-Step
- Workshop

Why we need ?

Need more data !!!

Path:

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data for POST ☐ Browser-compatible headers

Parameters **Body Data**

Send Parameters With the Request:

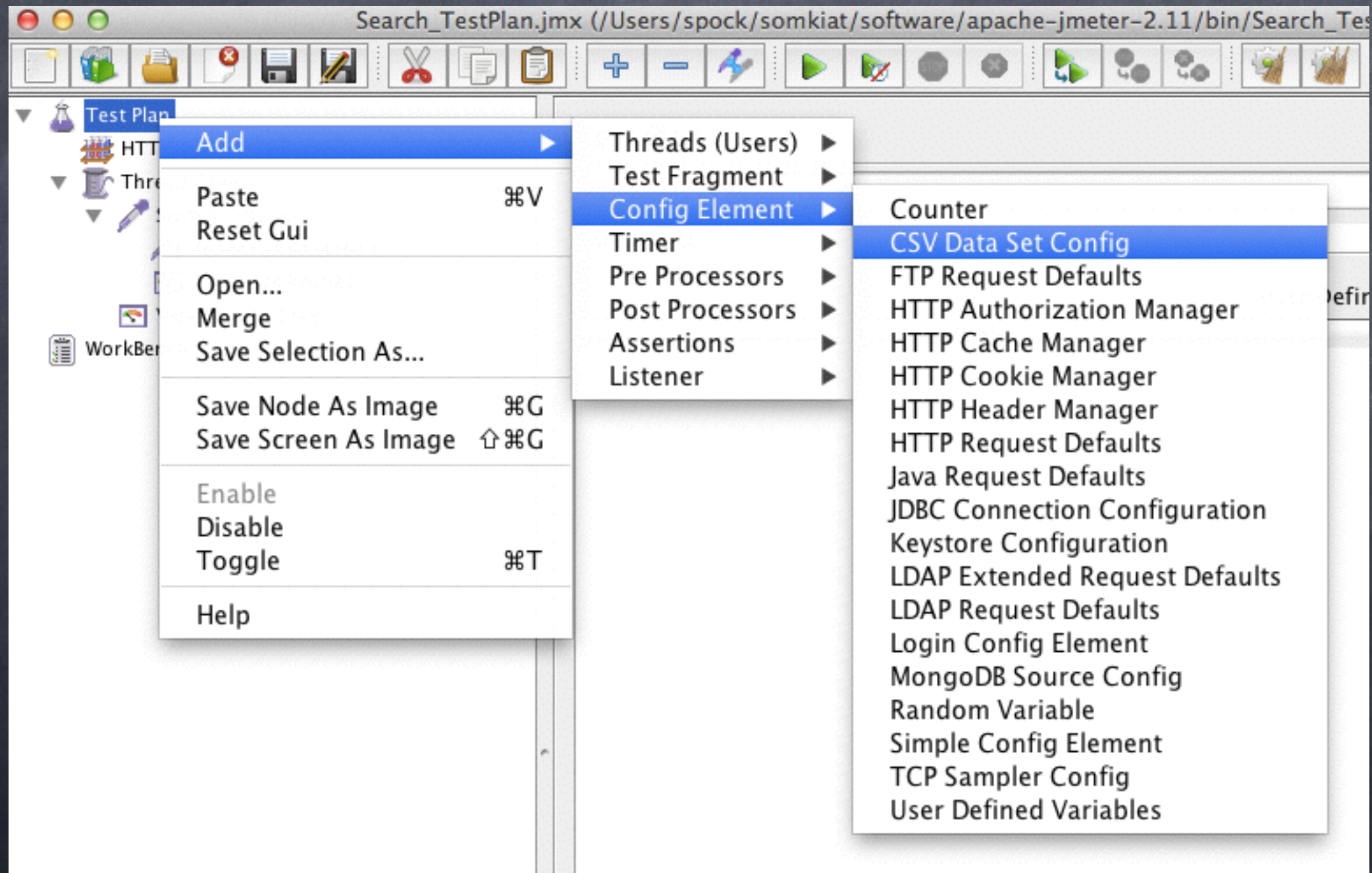
Name:	Value	Enco...	Include E...
r		<input type="checkbox"/>	<input checked="" type="checkbox"/>
q	โทรศัพท์	<input type="checkbox"/>	<input checked="" type="checkbox"/>
cate		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Usage

- Easy step
- Add → Config Element → CSV Data Set Config to Test Plan

[https://jmeter.apache.org/usermanual/
component_reference.html#CSV_Data_Set_Config](https://jmeter.apache.org/usermanual/component_reference.html#CSV_Data_Set_Config)

CSV Data Set Config



CSV Data Set Config

CSV Data Set Config

Name: CSV Data Set Config

Comments:

Configure the CSV Data Source

Filename: product.txt

File encoding:

Variable Names (comma-delimited):

Delimiter (use '\t' for tab):

,

Allow quoted data?:

False

Recycle on EOF ?:

True

Stop thread on EOF ?:

False

Sharing mode:

All threads

Config

- Filename = product.txt
- Delimiter = ,

Create product.txt

- Folder => <jMeter>/bin

KEYWORD

โทรศัพท์

มือถือ

กระเป๋า

Change to Variable Name

- `${KEYWORD}`

Path:

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data for POST ☐ Browser-co

Parameters Body Data

~~Send Parameters With the Request:~~

Name:	Value	E
r q cate	<code>\${KEYWORD}</code>	

Detail Add Add from Clipboard Delete Up Down

Try to Run

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only:

☐ Errors

☐ Successes

Configure

- Search Product
- Search Product
- Search Product
- Search Product
- Search Product
- Search Product
- Search Product
- Search Product
- Search Product

Sampler result

Request

Response data

Method	GET
Protocol	http
Host	www.dealfish.co.th
Port	80
Path	/search/

Parameter name	Value
cate	
r	
q	หม้อทอด

Request header	Value
Connection	keep-alive
Host	www.dealfish.co.th
User-Agent	Apache-HttpClient/4.2.6 (java 1.5)

Text

☐ Scroll automatically?

Raw

HTTP

Workshop

- Search product by region, category and keyword
- Login to dealfish.co.th
- View product detail

Search Product

- Setting CSV Data Set Config
- Prepare data in product2.txt
- Use Variable Names

Step 1

• Setting CSV Data Set Config

CSV Data Set Config	
Name:	CSV Data Set Config
Comments:	
Configure the CSV Data Source	
Filename:	product2.txt
File encoding:	
Variable Names (comma-delimited):	KEYWORD,CATEGORY,REGION
Delimiter (use '\t' for tab):	,
Allow quoted data?:	False
Recycle on EOF ?:	True
Stop thread on EOF ?:	False
Sharing mode:	All threads

Step 2

- Prepara data in product2.txt

โทรศัพท์,0,1

มือถือ,0,2

กระเป๋า,0,3

Step 3

- Use Variable Names

Path:

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data for POST ☐ Browser-compatible

Parameters **Body Data**

Send Parameters With the Request:

Name:	Value	Encode?
r	\${REGION}	<input type="checkbox"/>
q	\${KEYWORD}	<input type="checkbox"/>
cate	\${CATEGORY}	<input type="checkbox"/>

Result


View Results Tree


Name:


Comments:


Write results to file / Read from file


Filename Log/Display Only: ☐ Errors ☐ Successes


 Search Product


 Search Product


 Search Product


 Search Product


 Search Product

 Search Product

 Search Product

 Search Product

 Search Product

 Search Product

Search Product

Search Product

Search Product

Search Product

Search Product

Search Product

Search Product

Search Product

Search Product

Search Product

Sampler result

Request

Response data

Method

Protocol

Host

Port

Path

GET

http

www.dealfish.co.th

80

/search/

Parameter name

Value

cate

0

r

1

q

โทรศัพท์

Request header

Value

Connection

Host

User-Agent

keep-alive

www.dealfish.co.th

Apache-HttpClient/4.2.6 (java 1.5)

Text

Raw

HTTP

Login

- Use Recorder
- Login process is not simple
- Have redirection and cookie
- Check success result after logged in

Login process

DealFish_Login2.jmx (/Users/spock/somkiat/software/apache-jmeter-2.11/bin/DealFish_Login2.jmx) - Apache JMeter (2.11 r1554548)

0 0 / 2

Test Plan

- CSV Data Set Config
- HTTP Request Defaults
- HTTP Cookie Manager
- Thread Group
 - /member/memberlogin
 - /member/memberlogin**
 - HTTP Header Manager
 - /member/listing
 - HTTP Header Manager
 - Response Assertion
- Assertion Results
- View Results Tree

WorkBench

- HTTP(S) Test Script Recorder
 - View Results Tree

HTTP Request

Name: /member/memberlogin

Comments: Detected the start of a redirect chain

Web Server

Server Name or IP: Port Number: Timeouts (milliseconds)
Connect: Response:

HTTP Request

Implementation: Protocol [http]: http Method: POST Content encoding:

Path: /member/memberlogin

☐ Redirect Automatically ☒ Follow Redirects ☒ Use KeepAlive ☐ Use multipart/form-data for POST ☐ Browser-compatible header:

Parameters Body Data

Send Parameters With the Request:

Name:	Value	Encode?	Include Equ
u	\${USER}	<input type="checkbox"/>	<input checked="" type="checkbox"/>
password	\${PASSWORD}	<input type="checkbox"/>	<input checked="" type="checkbox"/>
p		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Detail Add Add from Clipboard Delete Up Down

Send Files With the Request:

File Path:	Parameter Name:	MI
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Add Browse... Delete

With data config

CSV Data Set Config

Name: CSV Data Set Config

Comments:

Configure the CSV Data Source

Filename: member.txt

File encoding:

Variable Names (comma-delimited): USER,PASSWORD,DISPLAYNAME

Delimiter (use '\t' for tab):

,

Allow quoted data?: False

Recycle on EOF?: True

Stop thread on EOF?: False

Sharing mode: All threads

Example Data

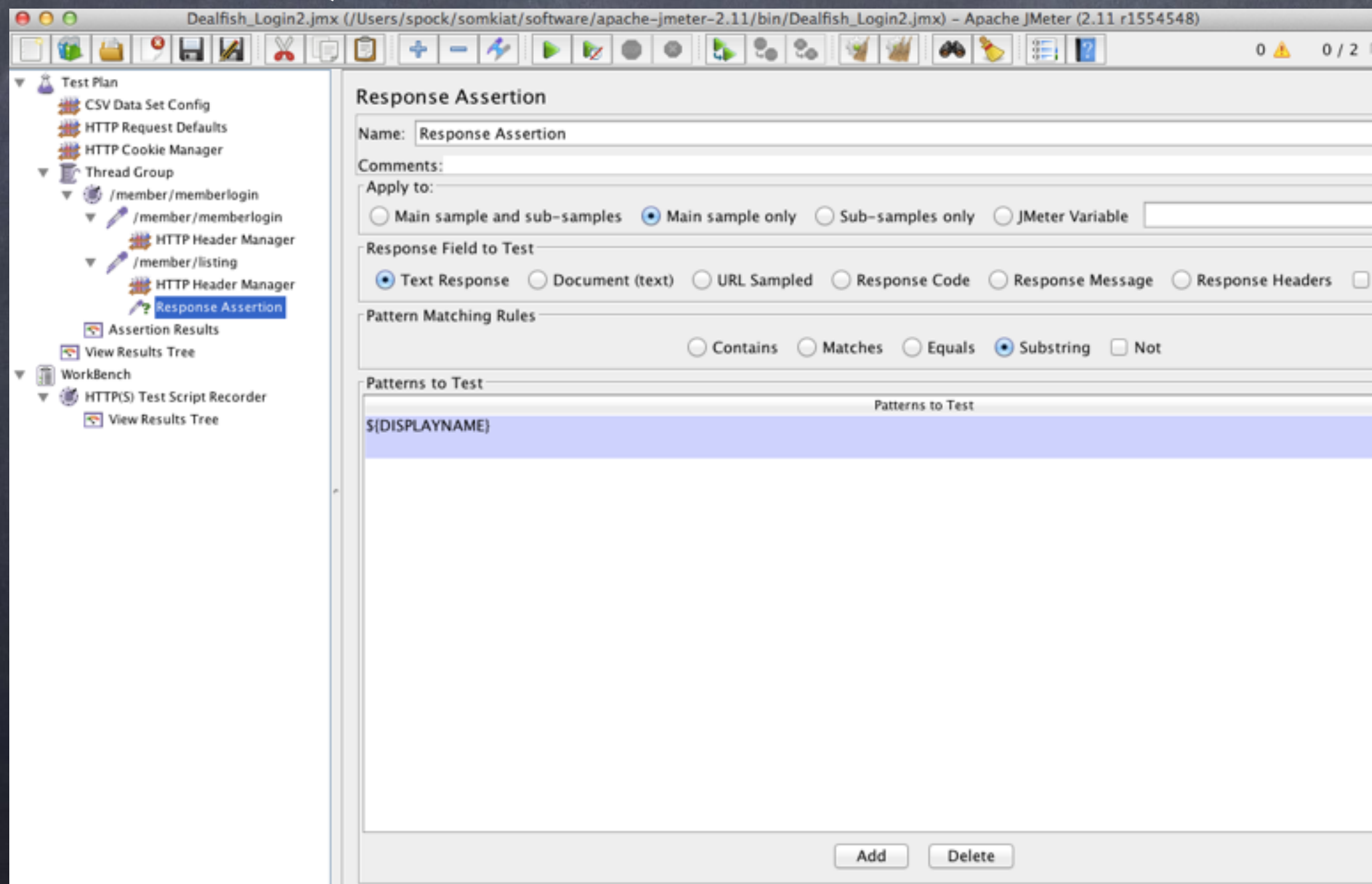
- Prepare data in member.txt

somkiat.p@gmail.com,123456789,somkiat

somkiat@gmail.com,123456789,ท่านยังไม่ได้ยืนยัน
การสมัครสมาชิกค่ะ

Check result

• Use Response Assertion



Result with success

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

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

Tree View:

- ▶ /member/memberlogin
- ▶ /member/memberlogin
- ▼ /member/listing
 - ▶ http://www.dealfish.co.th/me
 - ▶ http://www.dealfish.co.th/me
 - ▶ /member/memberlogin
 - ▶ /member/listing
 - ▶ /member/memberlogin

Response data:

ลงทะเบียน

ทั่วประเทศ

ทุกหมวดหมู่

Submit Query

คำค้นหาล่าสุด

หน้าแรก » สมาชิก » รายการประกาศ

- somkiat
 - แก้ไขข้อมูลสมาชิก
 - เปลี่ยนรหัสผ่าน
- รายการประกาศ
 - ประกาศทั้งหมด (0)
 - ประกาศใกล้หมดอายุ (0)
 - ประกาศรอตรวจสอบ (0)
 - ประกาศรอการแก้ไข (0)

HTML

Search: Find ☐ Case sensitive ☐ Regular exp.

☐ Scroll automatically?

Result with failure

View Results Tree

Name:

Comments:

Write results to file / Read from file

Filename Log/Display Only: ☐ Errors ☐ Successes

- ▶ /member/memberlogin
- ▶ /member/memberlogin
- ▼ /member/listing
 - http://www.dealfish.co.th/me
 - http://www.dealfish.co.th/me
 - /member/memberlogin
 - /member/listing
 - /member/memberlogin

Sampler resultRequestResponse data

ทุกหมวดหมู่

ค่าค้นหาล่าสุด

หน้าแรก » มุมสมาชิก » เข้าสู่ระบบ

อีเมลหรือรหัสผ่านไม่ถูกต้อง กรุณาลองใหม่
ท่านยังไม่ได้ยืนยันการสมัครสมาชิกค่ะ

- คุณสามารถใช้ Facebook
ของคุณเชื่อมต่อกับบริการของ
dealfish.co.th ได้
- อีเมล :
- รหัสผ่าน

HTML

☐ Scroll automatically?

Search:

☐ Case sensitive ☐ Regular exp.