



คู่มือการติดตั้ง + Source Code

BLOGS

เสนอ

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Section 02

242-311 Client Server and Web Technologies

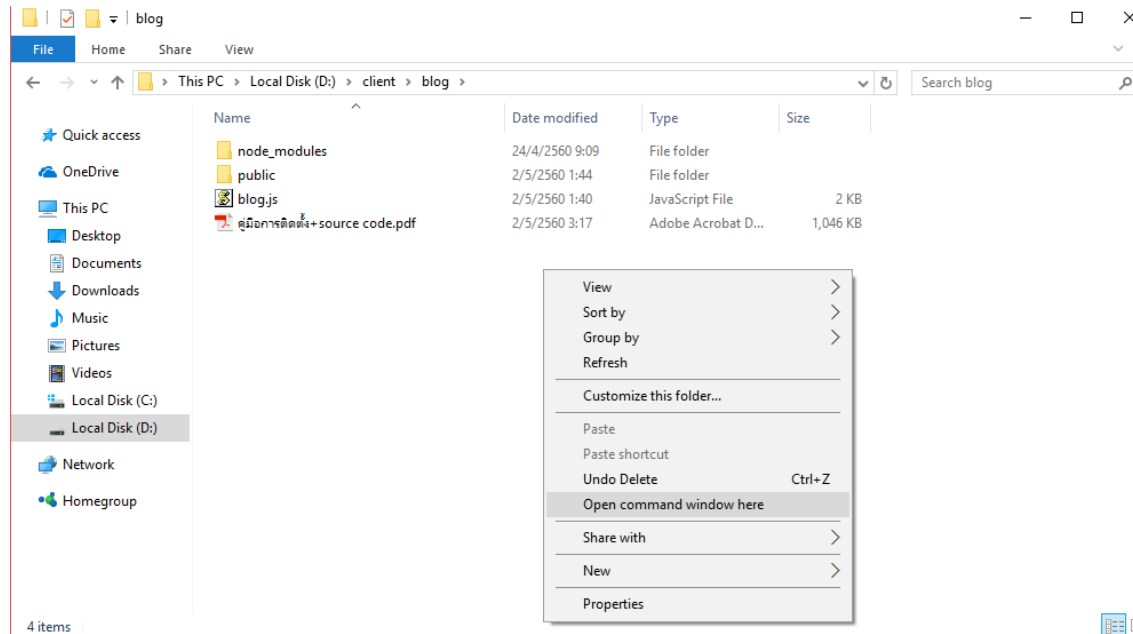
ภาควิชาวิศวกรรมคอมพิวเตอร์ คณะวิศวกรรมศาสตร์

มหาวิทยาลัยสงขลานครินทร์ วิทยาเขตภูเก็ต



คู่มือการติดตั้ง

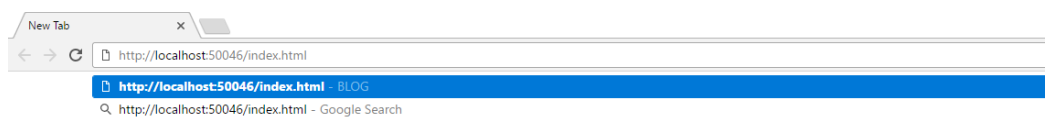
1. กด shift + คลิกเมาส์ขวา แล้วกดเลือก open command window here



2. จะได้หน้าต่างดังรูป แล้วพิมพ์ node blog.js (สำหรับที่ยังไม่ติดตั้ง ให้ npm install ก่อน)

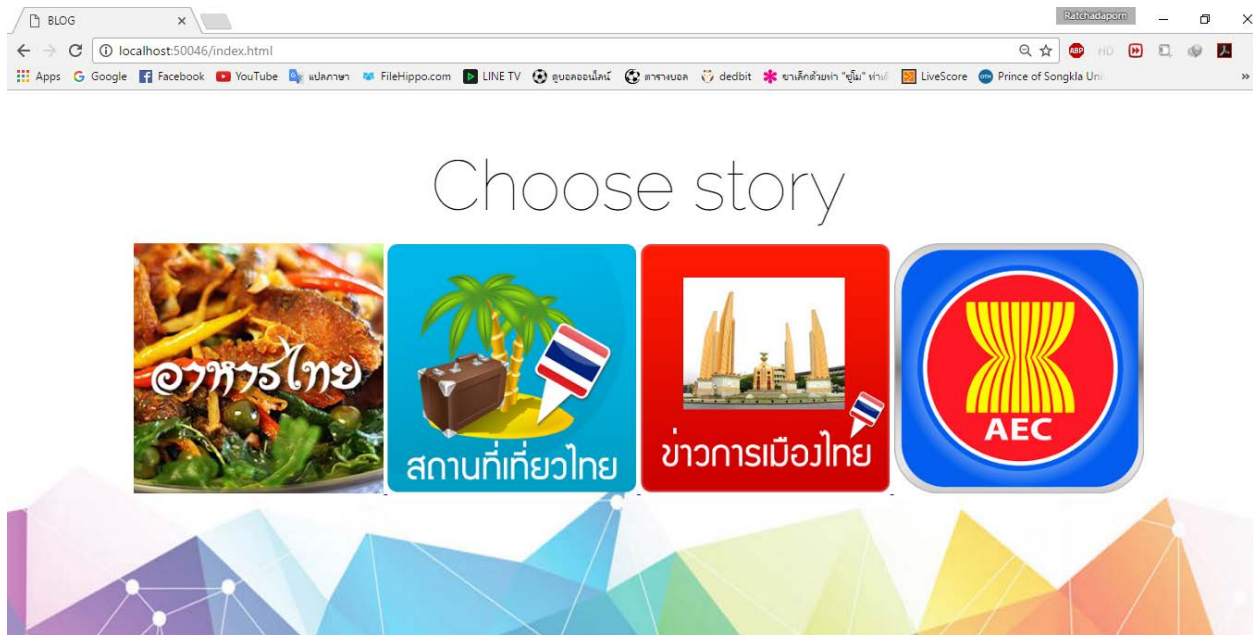


3. จากนั้นเข้า web browser แล้วใส่ URL : localhost:50046/index.html ดังรูป

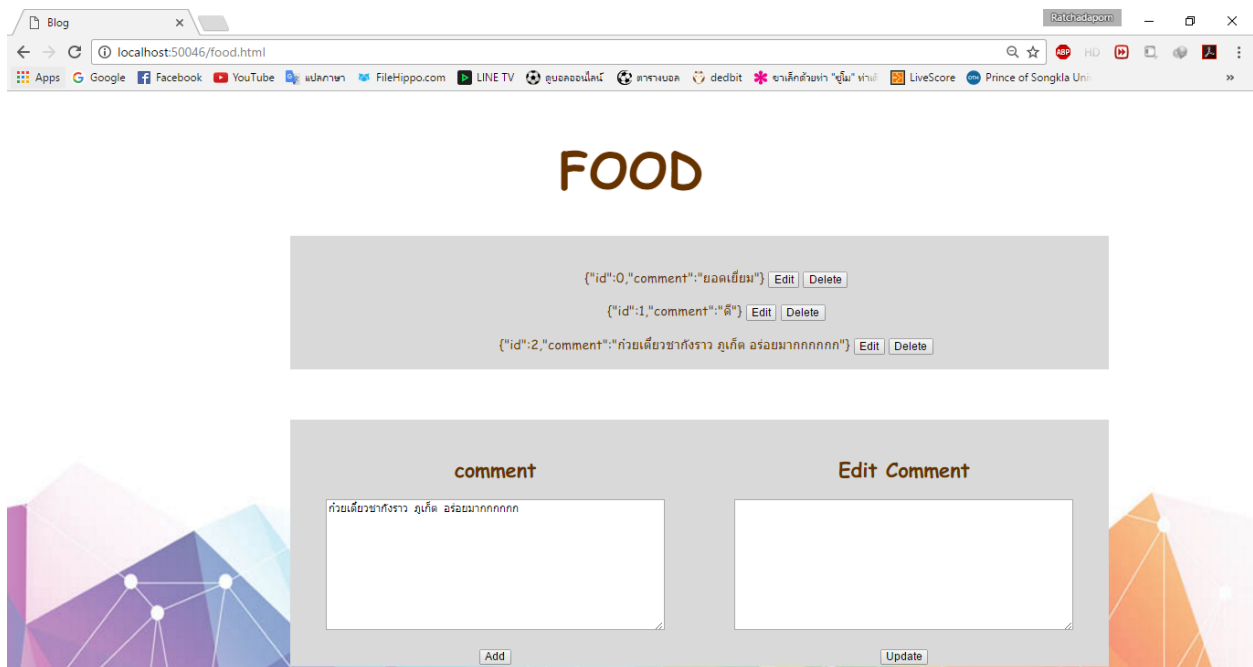


ค้นหามบน Google หรือพิมพ์ URL

4. จะได้หน้าเว็บดังนี้ หน้าที่ได้จะเป็นหน้า index.html สามารถคลิกเลือกเรื่องที่สนใจได้



5. สามารถแสดงความคิดเห็น แก้ไข และลบความคิดเห็นได้



Source Code

blog.js

```
blog.js x
1 |var express = require('express');
2 |var app = express();
3 |var router = express.Router();
4 |var bodyParser = require('body-parser');
5 |
6 |var blogs = [{ 'id':0, 'comment':'ບອກພວມດີໆ'},
7 |              { 'id':1, 'comment':'ຊື່' }];
8 |
9 |var index =2;
10|
11|app.use(express.static('public'))
12|
13|router.route('/blogs')
14|.get(function(req,res){
15|    res.json(blogs);
16|})
17|
18|.post(function(req, res) {
19|    var blog = {};
20|    blog.id = index++;
21|    blog.name = req.body.name;
22|    blog.comment = req.body.comment;
23|    blogs.push(blog);
24|    res.json(blogs);
25|})
26|
27|router.route('/blogs/:blog_id')
28|.get(function(req,res){
29|    res.json(blogs[req.params.blog_id]);
30|})
31|
32|.put(function(req, res) {
33|    var id = req.params.blog_id
34|    blogs[id].name = req.body.name;
35|    blogs[id].comment = req.body.comment;
36|    res.json(blogs[req.params.blog_id]);
37|})
38|
39|▼ .delete(function(req,res){
40|    var id = req.params.blog_id
41|    delete blogs[id];
42|})
43|
44|▼ .put(function(req,res){
45|    var id = req.params.blog_id
46|    blogs[id].name = req.body.name
47|    blogs[id].comment = req.body.comment
48|    // res.json(blogs[id])
49|    res.json({message: 'blog updated'})
50|})
51|
52|▼ .delete(function(req,res){
53|    var id = req.params.blog_id
54|    delete blogs[id]
55|    // res.json(blogs)
56|    res.json({message: 'blog deleted'})
57|})
58|
59|// all of our routes will be prefixed with /api
60|app.use('/api',bodyParser.json(),router);
61|
62|app.listen(50046);
63|console.log('web server is running...');
```

index.html

```
1 <html>
2   <head>
3     <meta charset="utf-8">
4     <meta http-equiv="X-UA-Compatible" content="IE=edge">
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6
7     <title>BLOG</title>
8
9     <!-- Fonts -->
10    <link href="https://fonts.googleapis.com/css?family=Raleway:100,600" rel="stylesheet" type="text/css">
11    <link rel="stylesheet" type="text/css" href="/css/app.css">
12
13    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>
14    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular-resource.min.js"></script>
15
16    <style type="text/css">
17      html, body {
18        background-image: url('http://www.sripipat.ac.th/wp-content/uploads/2015/05/bg.jpg');
19        background-repeat: no-repeat;
20        background-position: center center;
21        background-attachment: fixed;
22        -o-background-size: 100% 100%, auto;
23        -moz-background-size: 100% 100%, auto;
24        -webkit-background-size: 100% 100%, auto;
25        background-size: 100% 100%, auto;
26        color: #000000;
27        font-family: 'Raleway', sans-serif;
28        font-weight: 100;
29        height: 100vh;
30        margin: 0;
31      }
32
33      .full-height {
34        height: 80vh;
35      }
36
37      .flex-center {
38        align-items: center;
39        display: flex;
40        justify-content: center;
41      }
42
43      .position-ref {
44        position: relative;
45      }
46
47      .top-right {
48        position: absolute;
49        right: 10px;
50        top: 18px;
51      }
52
53      .content {
54        text-align: center;
55      }
56
57      .title {
58        font-size: 84px;
59      }
60
61      .links > a {
62        color: #636b6f;
63        padding: 0 25px;
64        font-size: 12px;
65        font-weight: 600;
66        letter-spacing: .1rem;
67        text-decoration: none;
68        text-transform: uppercase;
69      }
70
71      .m-b-md {
72        margin-bottom: 20px;
73      }
74
75      .txt{
76        font-family: 'Comic sans MS', sans-serif;
77        color: #663300;
78        font-size: 30px;
79      }
80
81      .txt2{
82        font-size: 70px;
83      }
84    </style>
85  </head>
```

```
87 </head>
88 <body>
89   <div class="container">
90     <div class="flex-center position-ref full-height">
91       <div class="content">
92         <div class="title m-b-md">
93           Choose story
94         </div>
95         <div ng-app="blogApp" ng-controller="blogCtrl">
96           <p><a href="food.html">
97
98           <a href="travel.html">
99
100          <a href="news.html">
101
102          <a href="AEC.html">
103
104
105          </a></p>
106
107
108
109        </div></div></div></div></div></div>
110
111   </body>
112 </html>
113
```

food.html (ยกตัวอย่างหน้าที่ให้แสดงความคิดเห็น)

```
1 <html>
2   <head>
3     <meta charset="utf-8">
4     <meta http-equiv="X-UA-Compatible" content="IE=edge">
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6
7     <title>BLOG</title>
8
9     <!-- Fonts -->
10    <link href="https://fonts.googleapis.com/css?family=Raleway:100,600" rel="stylesheet" type="text/css">
11    <link rel="stylesheet" type="text/css" href="/css/app.css">
12
13    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>
14    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular-resource.min.js"></script>
15
16    <style type="text/css">
17      html, body {
18        background-image: url('http://www.sripipat.ac.th/wp-content/uploads/2015/05/bg.jpg');
19        background-repeat: no-repeat;
20        background-position: center center;
21        background-attachment: fixed;
22        -o-background-size: 100% 100%, auto;
23        -moz-background-size: 100% 100%, auto;
24        -webkit-background-size: 100% 100%, auto;
25        background-size: 100% 100%, auto;
26        color: #000000;
27        font-family: 'Raleway', sans-serif;
28        font-weight: 100;
29        height: 100vh;
30        margin: 0;
31      }
32
33      .full-height {
34        height: 80vh;
35      }
36
37      .flex-center {
38        align-items: center;
39        display: flex;
40        justify-content: center;
41      }
42
43      .position-ref {
44        position: relative;
45      }
46
47      .top-right {
48        position: absolute;
49        right: 10px;
50        top: 18px;
51      }
52
53      .content {
54        text-align: center;
55      }
56
57      .title {
58        font-size: 84px;
59      }
60
61      .links > a {
62        color: #636b6f;
63        padding: 0 25px;
64        font-size: 12px;
65        font-weight: 600;
66        letter-spacing: .1rem;
67        text-decoration: none;
68        text-transform: uppercase;
69      }
70
71      .m-b-md {
72        margin-bottom: 20px;
73      }
74
75      .txt{
76        font-family: 'Comic sans MS', sans-serif;
77        color: #663300;
78        font-size: 30px;
79      }
80
81      .txt2{
82        font-size: 70px;
83      }
84    </style>
85
```

```
</head>
<body>
    <div class="container">
        <div class="flex-center position-ref full-height">
            <div class="content">

                <div ng-app="blogApp" ng-controller="blogCtrl">
                    <div class="title txt"><h1>FOOD</h1>

                        <table style="width:120%;text-align:center;background-color:#d9d9d9;color:#663300">
                            <tr>
                                <td><br>
                                    <ul ng-repeat="blog in blogs track by $index" ng-if="!isEmpty(blog)">
                                        {{blog}}
                                        <button type="submit" ng-click="edit(blog.id)"> Edit </button>
                                        <button type="submit" ng-click="delete(blog.id)"> Delete </button>
                                    </ul>
                                </td>
                            </tr>
                        </table>
                    </div><br>

                    <div class="title txt">
                        <table style="width:120%;text-align:center;background-color:#d9d9d9;color:#663300">
                            <tr>
                                <td><br>
                                    <h2>comment</h2>

                                    <TEXTAREA rows="10" cols="50" id="name" ng-model="addblog.comment"></TEXTAREA><br><br>
                                    <button ng-click="add()">Add</button><br>
                                </td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
                                    <td><br>
                                        <h2>Edit Comment</h2>

                                        <TEXTAREA rows="10" cols="50" id="name" ng-model="editblog.comment"></TEXTAREA><br><br>
                                        <button ng-click="update(editblog.id)">Update</button><br>
                                    </td>
                                </tr>
                            </table>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

    <script type="text/javascript">
        var app = angular.module("blogApp",'ngResource')
        app.controller("blogCtrl", function($scope,$resource){
            var blog = $resource('/api/blogs/:blog_id',{blog_id:'@id'},
                {
                    update:{method:'PUT' }
                })
            $scope.editblog = {}
            $scope.result = {}
            $scope.blogs = blog.query()

            $scope.get = function(id) {
                blog.get({blog_id:id}, function(blog) {
                })
            }

            $scope.add = function() {
                // var givenblog = new blog($scope.addblog)
                // givenblog.$save(function(data){
                //     console.log(data.message)
                // })

                blog.save({comment: $scope.addblog.comment})
                $scope.blogs = blog.query()
            }

            $scope.edit = function(id) {
                blog.get({blog_id:id}, function(blog) {
                    $scope.editblog.id = id
                    $scope.editblog.name = blog.name
                    $scope.editblog.comment = blog.comment
                    $scope.result = blog
                    $scope.message = 'Edited blog ' + id
                })
            }

            $scope.update = function(id) {
                blog.update( {blog_id: id}, { name: $scope.editblog.name,
                    comment: $scope.editblog.comment})
                $scope.result = 'Update blog ' + id
                $scope.blogs = blog.query()
            }

            $scope.delete = function(id) {
                blog.delete( {blog_id: id})
                $scope.result = 'Delete blog ' + id
                $scope.blogs = blog.query()
            }

            $scope.isEmpty = function(blog) {
                return Object.keys(blog).length == 0
            }

            $scope.select = function(id, blog) {
                return id == blog.id
            }
        })
    </script>
</body>
</html>
```