

Track: Developer

ExpressionEngine CMS Listee (People Module)

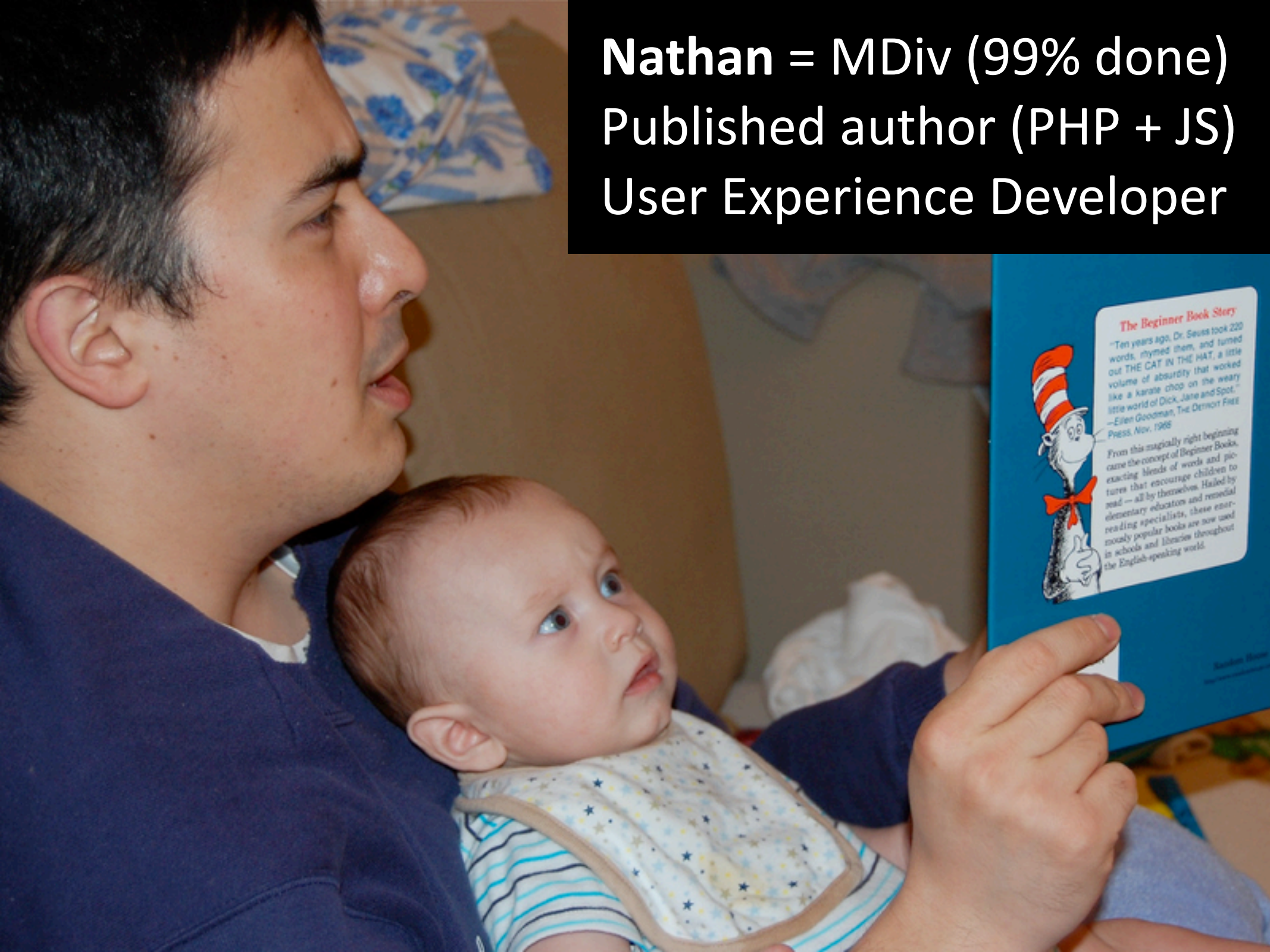
Jingyi Wang + Nathan Smith
Fellowship Technologies



Jingyi = BS, MS, PhD (almost) in Physics. Code guru.



Nathan = MDiv (99% done)
Published author (PHP + JS)
User Experience Developer



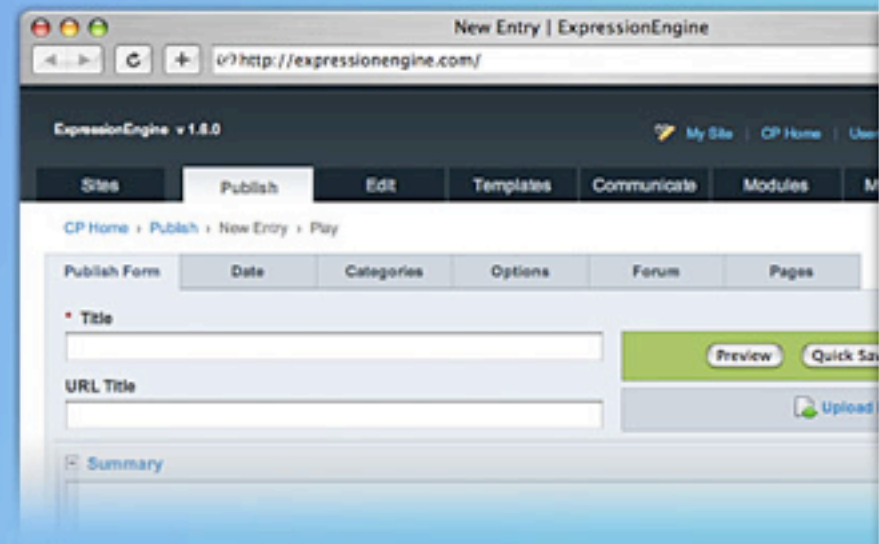


What is *ExpressionEngine*?

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Say hello to the most flexible web publishing system you'll ever meet

ExpressionEngine is a flexible, feature-rich content management system that empowers thousands of individuals, organizations, and companies around the world to easily manage their website. If you're tired of the limitations of your current CMS then take ExpressionEngine for a spin...

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Introduction
& Overview



Extremely
Flexible



Add-on
Architecture



Excellent
Support



Professional
User-Base

We're Running ExpressionEngine!



All of the websites in the [EllisLab Network](#) run on a single ExpressionEngine installation thanks to the elegant [Multiple Site Manager](#) and the flexibility of the core system. ExpressionEngine manages our membership, runs our [blogs](#), powers our [community forums](#), our [knowledge-base](#), our [wiki](#), our [contact forms](#), our search engine, our... everything!.

We think ExpressionEngine is the world's most flexible and feature-rich publishing system. [Give it a try](#), you might think so too!

think remarkable



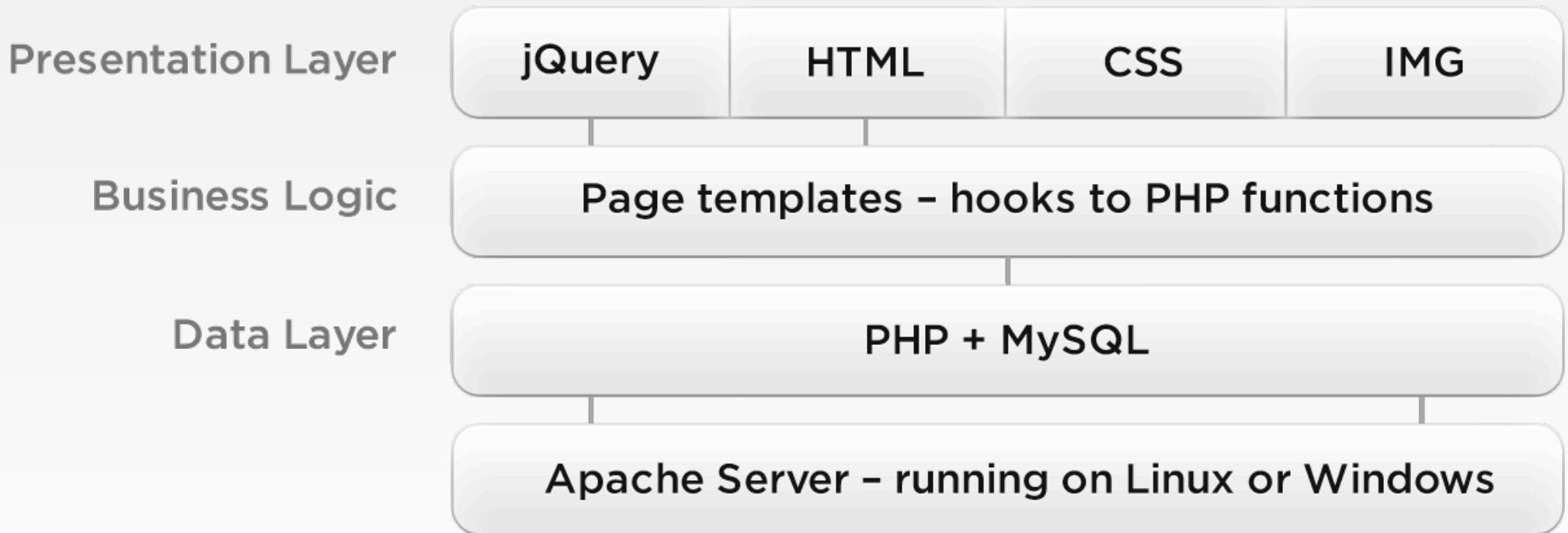
Marcus Neto, Seth Godin's Think Remarkable - Creative Director, Blue Fish Design Studio

"with this group you never know what is next. Julie Anixter is driving the project and she is great and thinking up new ideas. Fortunately I know ExpressionEngine can handle it all."

[Read interview](#)

(Note: EE is free for non-profits)

ExpressionEngine - Architecture Stack





What exactly does Listee do?
(requires PHP version 5)

Listee = JSON via RESTful API.

—> After installing the module, you are able to use OAuth to access F1.

(2nd party app)



OAuth Configuration Settings

```
1 <?php
2
3 class App_config {
4     //
5     // Enter your info.
6     //
7     public static $f1_church_code = 'ftapiearth';
8     public static $access_token = '52d53795-f88e-4dc4-a0f6-7436486ac667';
9     public static $token_secret = '83a5489c-f076-4e0f-9c50-e68aa5738223';
10
11     //-----//
12     // DO NOT EDIT ANYTHING BELOW HERE. THANKS. //
13     //-----//
14
15     // JSON settings.
16     public static $accept_header = 'Accept: application/json';
17     public static $content_type = 'Content-type: application/json';
18
19     // Application settings.
20     public static $f1_base_url = 'https://{church_code}.staging.fellowshiponeapi.com/v1/People/Search.json';
21     public static $f1_key = '9';
22     public static $f1_secret = '52c41367-b3fd-4a94-b14e-9428ad2b3973';
23     public static $f1_request_token_path = '/v1/Tokens/request_token';
24     public static $f1_access_token_path = '/v1/Tokens/AccessToken';
25     public static $f1_auth_path = 'v1/PortalUser/Login';
26 }
27
28 ?>
```

Initialize the Request Variables

```
21
22 // Fire up variables.
23 function init_f1_setup() {
24     $api_consumer = new OAuth_api_client(App_config::$f1_base_url, App_config::$f1_c
25     $api_consumer->set_paths_from_config();
26     $api_consumer->init_access_token(App_config::$access_token, App_config::$token_s
27
28     $var = array();
29
30     $var['api_term'] = isset($_GET['q']) ? htmlentities($_GET['q']) : '';
31
32     if ($var['api_term'] !== '') {
33         $var['api_term'] = str_replace(',', ' ', $var['api_term']);
34         $var['api_term'] = trim($var['api_term']);
35         $var['api_term'] = preg_replace('/\s+/', ' ', $var['api_term']);
36         $var['api_term'] = str_replace(' ', ',', $var['api_term']);
37
38         $var['api_show'] = isset($_GET['show']) ? $_GET['show'] : '20';
39         $var['api_page'] = isset($_GET['page']) ? $_GET['page'] : '1';
40
41         $request_url = str_replace('{church_code}', App_config::$f1_church_code, App
42
43         $api_response = $api_consumer->do_request($request_url);
44
45         if ($api_response === '') {
46             die('Yikes! Problem communicating with F1.');
```


Raw JSON response = Yuck!

```
{ "results":{ "@count":"20","@pageNumber":"1","@totalRecords":"105","@additionalPages":
:"5","person":[ { "@array":"true","@id":"24643319","@uri":"https://ftapiearth.stagin
g.fellowshiponeapi.com/v1/People/24643319","@imageURI":"","@oldID":"","@iCode":"+mi
LP8pNFgEtbnDGaRE8SA==","@householdID":"15809158","@oldHouseholdID":"","title":null,
"salutation":null,"prefix":null,"firstName":"SmithWesson","lastName":"Curtis","suff
ix":null,"middleName":null,"goesByName":null,"formerName":null,"gender":null,"dateO
fBirth":null,"maritalStatus":null,"householdMemberType":{"@id":"1","@uri":"https://
ftapiearth.staging.fellowshiponeapi.com/v1/People/HouseholdMemberTypes/1","name":"H
ead"},"isAuthorized":"true","status":{"@id":"1","@uri":"https://ftapiearth.staging.
fellowshiponeapi.com/v1/People/Statuses/1","name":"Member","comment":null,"date":nu
ll,"subStatus":{"@id":"","@uri":"","name":null},"occupation":{"@id":"","@uri":"","
name":null,"description":null},"employer":null,"school":{"@id":"","@uri":"","name":
null},"denomination":{"@id":"","@uri":"","name":null},"formerChurch":null,"barCode"
:null,"memberEnvelopeCode":null,"defaultTagComment":null,"weblink":{"userID":null,"
passwordHint":null,"passwordAnswer":null},"solicit":null,"thank":"true","firstRecor
d":"2009-04-
21T21:44:12","attributes":null,"addresses":null,"communications":null,"lastMatchDat
e":null,"createdDate":"2009-04-21T21:44:12","lastUpdatedDate":"2009-04-
21T21:44:12"}, { "@array":"true","@id":"24643320","@uri":"https://ftapiearth.staging.
fellowshiponeapi.com/v1/People/24643320","@imageURI":"","@oldID":"","@iCode":"+IaD3F
+RHM2ptNPh0nswaKA==","@householdID":"15809158","@oldHouseholdID":"","title":null,"s
alutation":null,"prefix":null,"firstName":"SmithWesson","lastName":"Curtis","suffix
":null,"middleName":null,"goesByName":null,"formerName":null,"gender":null,"dateOfB
irth":null,"maritalStatus":null,"householdMemberType":{"@id":"1","@uri":"https://ft
apiearth.staging.fellowshiponeapi.com/v1/People/HouseholdMemberTypes/1","name":"Hea
d"},"isAuthorized":"true","status":{"@id":"1","@uri":"https://ftapiearth.staging.fe
llowshiponeapi.com/v1/People/Statuses/1","name":"Member","comment":null,"date":null
,"subStatus":{"@id":"","@uri":"","name":null},"occupation":{"@id":"","@uri":"","na
me":null,"description":null},"employer":null,"school":{"@id":"","@uri":"","name":nu
ll},"denomination":{"@id":"","@uri":"","name":null},"formerChurch":null,"barCode":n
```

json_decode(\$api_response) = Yum!

```
Array
(
    [results] => Array
        (
            [@count] => 20
            [@pageNumber] => 1
            [@totalRecords] => 105
            [@additionalPages] => 5
            [person] => Array
                (
                    [0] => Array
                        (
                            [@array] => true
                            [@id] => 24643319
                            [@uri] => https://ftapiearth.staging.fellowshiponeapi.com/v1/People/24643319
                            [@imageURI] =>
                            [@oldID] =>
                            [@iCode] => +miLP8pNFgEtbnDGaRE8SA==
                            [@householdID] => 15809158
                            [@oldHouseholdID] =>
                            [title] =>
                            [salutation] =>
                            [prefix] =>
                            [firstName] => SmithWesson
                            [lastName] => Curtis
                            [suffix] =>
```


**It allows your church site to
access Fellowship One data.**



It provides 3 custom EE tags.

`{exp:listee:search_form}`

`{exp:listee:search_results}`

`{exp:listee:raw_data}`



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```
class Listee {  
    // Empty set.  
    static private $var = array();  
  
    // Constructor.  
    function Listee() {  
        if (!count(self::$var)) {  
            self::init_f1_setup();  
        }  
    }  
  
    // Fire up variables.  
    function init_f1_setup() {
```

CLASS

{exp:listee:search_form}

METHOD

```
    // {exp:listee:search_form}  
    function search_form() {  
        // Variable bundle.  
        $var = self::$var;  
  
        $output = <<< HTML  
            <form action="" id="f1_listee_form">  
                <p>  
                    <label for="f1_listee_q">  
                        Search  
                    </label>  
                    <input type="text" id="f1_listee_q" name="q" value="{ $var['api  
                    <input type="submit" id="f1_listee_submit" value="Search" />
```

```
40         </li>
41         {if logged_in}
42         <li class="grid_2 omega">
43             <a href="{site_url}index.php/directory" id="n
44         </li>
45         {/if}
46     </ul>
47     <!-- end #nav.grid_16 -->
48     <div class="clear"></div>
49     <div class="grid_16">
50         <h2>
51             People Search
52         </h2>
53         {exp:listee:search_form}
54         {exp:listee:search_results}
55     </div>
56     <!-- end .grid_16 -->
57     <div class="clear"></div>
58     <div id="footer" class="grid_16">
59         <hr />
60         <p class="grid_4 alpha">
61             &copy; {current_time format="%Y"} Fellowship
62         </p>
```

BAM!



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```
if (foo !== bar) {  
    return "Worship";  
} else {  
    exit;  
}
```



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Our Vision

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Community

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Life Groups

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Ministries

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dynamic
CHURCH

09

On to the demo! *for questions:*

Nathan Smith

nsmith@fellowshiptech.com

Jingyi Wang

jwang@fellowshiptech.com

