Chapter 1: WordPress as a Web Application Framework

1. Header
2. Main Content
3. Sidebar
4. Comments
5. Footer
HOW TO TURN JQUERY EACH() INTO REGULAR JAVASCRIPT LOOP?

A couple questions:

1. Is a regular javascript loop (to loop through a series of elements) faster/more efficient than using jQuery each()?

ONE THOUGHT ON “HOW TO TURN JQUERY EACH() INTO REGULAR JAVASCRIPT LOOP?”

★ Answered by admin

Yes, removing the each() will give you slightly better performance. This is how you could write a for loop for a list of elements.

Mark as Correct
How to turn jQuery Each() into regular JavaScript loop?

What is PHP?

How to integrate WordPress Media Uploader?

Do you cover your head in public?
Chapter 2: Implementing Membership Roles, Permissions, and Features

Profile

Personal Options

Admin Color Scheme
- Blue
- Gray

Toolbar
- Show Toolbar when viewing site

Name
Username: Rakhitha
(Usernames cannot be changed.)

Role Name: follower

Capabilities
- activate_plugins
- create_users
- edit_private_posts
- edit_roles
- edit_users
- import
- read
- remove_users
- add_users
- delete Others_pages
- edit_published_pages
- edit_theme_options
- export
- install_plugins
- restrict_content
- create_roles
- delete Others_posts
- edit_published_posts
- edit_themes
- install_themes
- read_private_pages
- read_private_posts
- switch_themes

follow_developer_activities
Rewrite Rules Inspector

A listing of all 69 rewrite rules for this site.

<table>
<thead>
<tr>
<th>Rule</th>
<th>Rewrite</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>user/([/]+)/?</td>
<td>index.php?control_action=${matches[1]}</td>
<td>other</td>
</tr>
<tr>
<td>category/(.+?)/feed(\d+[r</td>
<td>s][s</td>
<td>s]?[a</td>
</tr>
<tr>
<td>category/(.+?)/((?d+[r</td>
<td>s][s</td>
<td>s]?[a</td>
</tr>
</tbody>
</table>
Please enter a username.
Please enter e-mail.
Invalid username.

Username

E-mail

User Type

Follower

Register

Account activated successfully.
Chapter 3: Planning and Customizing the Core Database

wp_users
- ID: BIGINT(20)
- user_login: VARCHAR(60)
- user_pass: VARCHAR(64)
- user_nicename: VARCHAR(50)
- user_email: VARCHAR(100)
- user_url: VARCHAR(100)
- user_registered: DATETIME
- user_activation_key: VARCHAR(60)
- user_status: INT(11)
- display_name: VARCHAR(250)

Indexes

wp_usermeta
- umeta_id: BIGINT(20)
- user_id: BIGINT(20)
- meta_key: VARCHAR(255)
- meta_value: LONGTEXT

Indexes
Chapter 4: Building Blocks of Web Applications

Project Name
Text

Description
Text

Project Status
Selection...

Technologies
Item1
Item2
Item3

Project Duration
Text

Download URL
Text

URL
Text

Screenshots
Add File

Project Type
Item1
Item2
Item3

Service Title
Text

Description
Text

Service Availability
Selection...

Tasks
Item1
Item2
Item3

Service Price Type
Selection...

Price
Text
Technology

All Technology  Most Used

+ Add New Technology

Project Type

All Project Type  Most Used

+ Add New Project Type

Custom Fields

Add New Custom Field:

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
</table>

Add Custom Field

Custom fields can be used to add extra metadata to a post that you can use in your theme.
Creating a new Content Type allows you to control exactly what that content type does, how it acts like, the fields it has, and the way you manage it.

Create a New Content Type

Content Type: Custom Post Type (like Posts or Pages)

Singular Label: Product

Plural Label: Products

Advanced +

Start Over  Next Step
Success! Pod created successfully.

Manage Fields

<table>
<thead>
<tr>
<th>Label</th>
<th>Name</th>
<th>Field Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No fields have been added yet

<table>
<thead>
<tr>
<th>Label</th>
<th>Name</th>
<th>Field Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Add Field
<table>
<thead>
<tr>
<th>Label</th>
<th>Name</th>
<th>Field Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Plain Text</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Required</strong></td>
</tr>
<tr>
<td>Field</td>
<td>Type</td>
<td>Value</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>option_id</td>
<td>bigint(20) unsigned</td>
<td>35</td>
</tr>
<tr>
<td>option_name</td>
<td>varchar(64)</td>
<td>active_plugins</td>
</tr>
<tr>
<td>option_value</td>
<td>longtext</td>
<td>a:4:{i:0;s:40:&quot;Packt WPWA User Manager/user_manager.php&quot;;i:1;s:19:&quot;members/members.php&quot;;i:2;s:13:&quot;pods/init.php&quot;;i:3;s:48:&quot;wpwa_custom_post_manager/custom_post_manager.php&quot;;}</td>
</tr>
<tr>
<td>autoload</td>
<td>varchar(20)</td>
<td>yes</td>
</tr>
</tbody>
</table>

*Fatal error: Call to a member function set_plugin_path() on a non-object in /home/nimesh/example.com/wp-content/plugins/wpwa-portfolio-manager/class-wpwa-custom-post-types-manager.php on line 16*
Welcome to WordPress!
We've assembled some links to get you started:

Get Started

- Customize Your Site

or, change your theme completely

Next Steps
- Write your first blog post
- Add an About page
- View your site

More Actions
- Manage widgets or menus
- Turn comments on or off
- Learn more about getting started

Project Details

<table>
<thead>
<tr>
<th>Project Status *</th>
<th>Select</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Duration *</td>
<td></td>
</tr>
<tr>
<td>Project URL</td>
<td></td>
</tr>
<tr>
<td>Download URL</td>
<td></td>
</tr>
<tr>
<td>Project Screens</td>
<td>Add Files</td>
</tr>
</tbody>
</table>
Sorry, this file type is not permitted for security reasons.
### Pages

- **Register - Draft**
  - Author: admin
  - Date: 2013/05/11
  - Last Modified: 2013/05/11

- **Sample Page**
  - Author: admin
  - Date: 2013/03/26 Published

- **User**
  - Author: admin
  - Date: 2013/05/11 Published

### Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Duration</th>
<th>Project Status</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1</td>
<td>2</td>
<td>Planned</td>
<td>6 mins ago Published</td>
</tr>
<tr>
<td>Project 2</td>
<td>3</td>
<td>pending</td>
<td>5 mins ago Published</td>
</tr>
<tr>
<td>Project 3</td>
<td>4</td>
<td>planned</td>
<td>5 mins ago Published</td>
</tr>
</tbody>
</table>

**Show All Projects:**
- Planned
- Pending
- Failed
- Completed
Add New Post

Enter title here

Add New Tag

Name

*The name is how it appears on your site.*

Slug

*The “slug” is the URL-friendly version of the name. It is usually all lowercase and contains only letters, numbers, and hyphens.*
Chapter 7: Adjusting Theme for Amazing Frontends
WordPress Web Application Development

Recent Developers
- Developer 1
- Developer 2
- Developer 3
- Developer 4

Recent Projects
- Project 1
- Project 2
- Project 3
- Project 4

Recent Followers
- Follower 1
- Follower 2
- Follower 3
- Follower 4

Menu Name: developer

Menu Structure
Add menu items from the column on the left.

Menu Settings

- Auto add pages
  - Automatically add new top-level pages to this menu
- Theme locations
  - Top Menu
  - Header Menu
  - Sub-Header Menu
  - Footer Menu

Delete Menu
Menu Name: developer

Menu Structure
Drag each item into the order you prefer. Click the arrow on the right of the item to reveal additional configuration options.

- Home
- Developers

Menu Settings
Auto add pages
- Automatically add new top-level pages to this menu

Theme locations
- Top Menu
- Header Menu
- Sub-Header Menu
- Footer Menu

Select a menu to edit:
- VISITORS

Menu Structure
Add menu items from the column on the left.

Menu Settings
Auto add pages
- Automatically add new top-level pages to this menu

Theme locations
- Top Menu
- Header Menu
- Sub-Header Menu
- Footer Menu

Options
<table>
<thead>
<tr>
<th>term_taxonomy_id</th>
<th>term_id</th>
<th>taxonomy</th>
<th>description</th>
<th>parent</th>
<th>count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>category</td>
<td></td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>technologies</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>technology</td>
<td></td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>technology</td>
<td></td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>9</td>
<td>nav_menu</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>nav_menu</td>
<td></td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>nav_menu</td>
<td></td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>11</td>
<td>nav_menu</td>
<td></td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

Check All / Uncheck All With selected: 

Save Menu
You are customizing WordPress Web Application Development

Site Title & Tagline

WPWA Settings

Text Color

Select Color

Colors

Header Image

Background Image

Navigation

Widgets

Static Front Page
# WordPress Web Application Development

## Home

### Followers
- Follower 1
- Follower 2
- Follower 3
- Follower 4

### Projects
- Project 1
- Project 2
- Project 3
- Project 4

### Developers
- Developer 1
- Developer 2
- Developer 3
- Developer 4
Chapter 8: Enhancing the Power of Open Source Libraries and Plugins

<table>
<thead>
<tr>
<th>Library</th>
<th>Library</th>
<th>Library</th>
<th>Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>crop</td>
<td>customize-preview-widgets.min.js</td>
<td>tw-sack.js</td>
<td>underscore.min.js</td>
</tr>
<tr>
<td>imgareaaselect</td>
<td>customize-views.js</td>
<td>tw-sack.min.js</td>
<td>utils.min.js</td>
</tr>
<tr>
<td>jcrop</td>
<td>customize-views.min.js</td>
<td>underscore.min.js</td>
<td>utils.min.js</td>
</tr>
<tr>
<td>jquery</td>
<td>heartbeat.js</td>
<td>heartbeat.min.js</td>
<td>wp-ajax-response.js</td>
</tr>
<tr>
<td>mediaelement</td>
<td>hoverIntent.js</td>
<td>hoverIntent.min.js</td>
<td>wp-ajax-response.min.js</td>
</tr>
<tr>
<td>plupload</td>
<td>json2.js</td>
<td>json2.min.js</td>
<td>wp-auth-check.js</td>
</tr>
<tr>
<td>swfupload</td>
<td>masonry.min.js</td>
<td>mce-view.js</td>
<td>wp-auth-check.min.js</td>
</tr>
<tr>
<td>thickbox</td>
<td>mce-view.min.js</td>
<td>media-audiovideo.js</td>
<td>wp-backbone.js</td>
</tr>
<tr>
<td>tinyMCE</td>
<td>media-audiovideo.min.js</td>
<td>media-editor.js</td>
<td>wp-backbone.min.js</td>
</tr>
<tr>
<td>admin-bar.js</td>
<td>media-editor.min.js</td>
<td>media-grid.js</td>
<td>wp-dialog.js</td>
</tr>
<tr>
<td>admin-bar.min.js</td>
<td>media-grid.min.js</td>
<td>media-grid.js</td>
<td>wp-dialog.min.js</td>
</tr>
<tr>
<td>autosave.js</td>
<td>media-models.js</td>
<td>media-models.js</td>
<td>wp-dialog.min.js</td>
</tr>
<tr>
<td>autosave.min.js</td>
<td>media-models.min.js</td>
<td>media-models.js</td>
<td>wp-dialog.min.js</td>
</tr>
<tr>
<td>backbone.min.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-dialog.min.js</td>
</tr>
<tr>
<td>colorpicker.js</td>
<td>quicktags.js</td>
<td>quicktags.min.js</td>
<td>wp-link.js</td>
</tr>
<tr>
<td>colorpicker.min.js</td>
<td>quicktags.js</td>
<td>quicktags.min.js</td>
<td>wp-link.min.js</td>
</tr>
<tr>
<td>comment-reply.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-list-revisions.js</td>
</tr>
<tr>
<td>comment-reply.min.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-list-revisions.min.js</td>
</tr>
<tr>
<td>customize-base.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-lists.js</td>
</tr>
<tr>
<td>customize-base.min.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-lists.min.js</td>
</tr>
<tr>
<td>customize-loader.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-pointer.js</td>
</tr>
<tr>
<td>customize-loader.min.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-pointer.min.js</td>
</tr>
<tr>
<td>customize-models.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-util.js</td>
</tr>
<tr>
<td>customize-models.min.js</td>
<td>media-views.js</td>
<td>media-views.js</td>
<td>wp-util.min.js</td>
</tr>
<tr>
<td>customize-preview.js</td>
<td>shortcode.js</td>
<td>shortcode.js</td>
<td>zxcvbn.min.js</td>
</tr>
<tr>
<td>customize-preview.min.js</td>
<td>shortcode.js</td>
<td>shortcode.min.js</td>
<td>zxcvbn-asnc.js</td>
</tr>
<tr>
<td>customize-preview-widgets.js</td>
<td>swfobject.js</td>
<td>swfobject.js</td>
<td>zxcvbn-async.min.js</td>
</tr>
</tbody>
</table>
Personal Information

Full Name
admin

Projects

![Add New](#)

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1</td>
<td>planned</td>
<td>23</td>
</tr>
<tr>
<td>Project 2</td>
<td>planned</td>
<td>12</td>
</tr>
<tr>
<td>Project 3</td>
<td>planned</td>
<td>12</td>
</tr>
</tbody>
</table>

Personal Information

Full Name
developer developer

Projects

![Add New](#)
Projects

Add New

Project Name

Status
Select

Duration

Save

LinkedIn Developer Network

List of Applications

<table>
<thead>
<tr>
<th>Company</th>
<th>Application Name</th>
<th>Add New Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>InnovativePHP</td>
<td>Oauth Integration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WPWA Social Integration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>View API Usage</td>
<td>View API Usage</td>
</tr>
</tbody>
</table>

https://www.linkedin.com/secure/developer
Add New Application

Fill out the form to register a new application:

Company Info

* Company: New Company

* Company Name:

Account Administrators: You will be assigned as an account administrator.

Additional Administrators:

Start typing the name of a connection

Administrators appearing here will be account administrators for all applications from this company. Administrators can edit application details and add/remove other administrators and developers.

Application Info

* Application Name: WPWA WordPress Web Application Development

* Description:
Your application was successfully created.

Application Details

Company:
InnovativePHP

Application Name:
test

API Key:
aryqjpv8nrwa

Secret Key:
1hiDw1lsEqD0l3bg

OAuth User Token:
055f6503-6ccdf4cfd4-a29f-6f79e9259b08

OAuth User Secret:
c320c366-8bcf-4f4f-a3e3-f504c244a8f1

Done
WPWA Social Integration would like to access some of your LinkedIn info:

- **YOUR PROFILE OVERVIEW**
  Name, photo, headline, and current positions

- **YOUR FULL PROFILE**
  Full profile including experience, education, skills, and recommendations

- **YOUR CONTACT INFO**
  Address, phone number, and bound accounts

Sign in to LinkedIn and allow access:

```
nimeshrmr@gmail.com    Password
```

Join LinkedIn  Forgot your password?

[Allow access]  [Cancel]
Chapter 9: Listening to Third-party Applications

API Credentials

API Token: 5453c916b20e2e78b901940c8c7d2286

Update
Chapter 10: Integrating and Finalizing the Portfolio
New Password
If you would like to change the password type a new one. Otherwise leave this blank.
Type your new password again.

Strength indicator
Hint: The password should be at least seven characters long. To make it stronger, use upper and lower case letters, numbers and symbols like ! * ? $ % ^ & ).

Job Role
Skills
Country
Select Country

Update Profile
Chapter 11: Supplementary Modules for Web Development
Time Format:
- 12:18 pm
- 12:18 PM
- 12:18
- Custom: gi a 12:18 pm

Documentation on date and time formatting.

Week Starts On: Monday

Site Language:
- English (United States)
- Dansk
- Français
- Nederlands

Save Changes
<table>
<thead>
<tr>
<th>option_id</th>
<th>option_name</th>
<th>option_value</th>
<th>autoload</th>
</tr>
</thead>
<tbody>
<tr>
<td>1572</td>
<td>_transient_timeout_project_error_message_95</td>
<td>1370667551</td>
<td>no</td>
</tr>
<tr>
<td>1597</td>
<td>_transient_timeout_project_error_message_119</td>
<td>1370675035</td>
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<tr>
<td>1593</td>
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<td>1583</td>
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<tr>
<td>2768</td>
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<td>1375832527</td>
<td>no</td>
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<tr>
<td>1098</td>
<td>_transient_timeout_gform_update_info</td>
<td>1368776863</td>
<td>no</td>
</tr>
</tbody>
</table>
Appendix: Configurations, Tools, and Resources
There doesn't seem to be a `wp-config.php` file. I need this before we can get started.

Need more help? **We got it.**

You can create a `wp-config.php` file through a web interface, but this doesn't work for all server setups. The safest way is to manually create the file.

[Create a Configuration File]
Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.

1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

If for any reason this automatic file creation doesn’t work, don’t worry. All this does is fill in the database information to a configuration file. You may also simply open wp-config-sample.php in a text editor, fill in your information, and save it as wp-config.php.

In all likelihood, these items were supplied to you by your Web Host. If you do not have this information, then you will need to contact them before you can continue. If you’re all ready...

Let’s go!
Below you should enter your database connection details. If you’re not sure about these, contact your host.

<table>
<thead>
<tr>
<th>Database Name</th>
<th>wpapplications</th>
<th>The name of the database you want to run WP in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Name</td>
<td>username</td>
<td>Your MySQL username</td>
</tr>
<tr>
<td>Password</td>
<td>password</td>
<td>...and your MySQL password.</td>
</tr>
<tr>
<td>Database Host</td>
<td>localhost</td>
<td>You should be able to get this info from your web host, if localhost does not work.</td>
</tr>
<tr>
<td>Table Prefix</td>
<td>wp_</td>
<td>If you want to run multiple WordPress installations in a single database, change this.</td>
</tr>
</tbody>
</table>

Submit
All right, sparky! You’ve made it through this part of the installation. WordPress can now communicate with your database. If you are ready, time now to...

Run the install
Welcome

Welcome to the famous five minute WordPress installation process! You may want to browse the ReadMe documentation at your leisure. Otherwise, just fill in the information below and you’ll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Don’t worry, you can always change these settings later.

<table>
<thead>
<tr>
<th>Site Title</th>
<th>WordPress Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Username</td>
<td>admin</td>
</tr>
<tr>
<td>Password, twice</td>
<td></td>
</tr>
<tr>
<td>A password will be automatically generated for you if you leave this blank.</td>
<td></td>
</tr>
</tbody>
</table>
Success!

WordPress has been installed. Were you expecting more steps? Sorry to disappoint.

<table>
<thead>
<tr>
<th>Username</th>
<th>admin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password</td>
<td>Your chosen password.</td>
</tr>
</tbody>
</table>

Log In
Permalink Settings

By default WordPress uses web URLs which have question marks and lots of numbers in them, however WordPress offers you the ability to create a custom URL structure for your permalinks and archives. This can improve the aesthetics, usability, and forward-compatibility of your links. A number of tags are available, and here are some examples to get you started.

### Common Settings

<table>
<thead>
<tr>
<th>Option</th>
<th>URL Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default</td>
<td><a href="http://local.wpapplications.com/?p=123">http://local.wpapplications.com/?p=123</a></td>
</tr>
<tr>
<td>Day and name</td>
<td><a href="http://local.wpapplications.com/2013/09/15/sample-post/">http://local.wpapplications.com/2013/09/15/sample-post/</a></td>
</tr>
<tr>
<td>Month and name</td>
<td><a href="http://local.wpapplications.com/2013/09/sample-post/">http://local.wpapplications.com/2013/09/sample-post/</a></td>
</tr>
<tr>
<td>Numeric</td>
<td><a href="http://local.wpapplications.com/archives/123">http://local.wpapplications.com/archives/123</a></td>
</tr>
<tr>
<td>Post name</td>
<td><a href="http://local.wpapplications.com/sample-post/">http://local.wpapplications.com/sample-post/</a></td>
</tr>
<tr>
<td>Custom Structure</td>
<td><a href="http://local.wpapplications.com/%postname%25/">http://local.wpapplications.com/%postname%/</a></td>
</tr>
</tbody>
</table>