

# BRL-CAD Docbook

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# Chapter 1

## Description about project

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### 1.1 Introduction

BRL-CAD has more than a million words of documentation (thousands of pages) in a variety of formats. We have a long-term goal to consolidate as much as possible into the Docbook format so that it can be more directly managed by our revision control system and integrated with the source code. At the same time, we have a user-editable pages that is really easy for users and developers alike to keep up to date. The two, however, are not immediately compatible with one another. Data is not shared or synchronized. The main goal of this project would be to synchronize the two so that edits to either are reflected in the other without loss of data. One of the main challenges is how to retain the more expressive Docbook markup within Website so that edits via the pages are not "dumbed down" to the more simple Mediawiki syntax.

The initial thoughts on our end are to implement a wordpresss Plugin that understands how to translate to/from the Docbook format that faithfully preserves all Docbook tagging. You're welcome to suggest another approach.

A great starting point for this project are our existing command sets for BRL-CAD and MGED (our main geometry editor). They respectively constitute approximately 400 and 700 commands that have a page of documentation each.

### 1.2 Requirements

#### 1.2.1 Procedure

- 1) Install Apache server
- 2) Install window or Linux
- 3) Install Mysql Database
- 4) Install Wordpress

### 1.3 Project on your server

#### 1.3.1 Procedure

- 1) Download the code using "git clone command"

- 2) Copy these plugins "brlcad-docbook" , "google\_Language\_Translator" folder to your wordpress plugin directroy ex:- wordpress/wp-content/plugins/
- 3) Copy the "brlcad" folder to Theme directroy of wordpress ex:- wordpress/wp-content/themes/
- 4) Download the brlcad code using this command  
svn checkout <https://svn.code.sf.net/p/brlcad/code/brlcad/trunk> brlcad\_resource
- 5) Copy the copy\_document.sh script file to brlcad resource code "brlcad\_resource"

## 1.4 for copy\_document.sh script settings.

### 1.4.1 Procedure

- 1) Open your wordpress account as wordpress admin
- 2) Go in plugin section and click on active brlcad-docbook, google\_Language\_Translator plugin
- 3) Go in appearance and then click on theme.
- 4) Now click on brlcad theme active button so then your theme is activated.

## 1.5 for copy\_document.sh script settings.

### 1.5.1 Procedure

- 1) Go to plugin directory  
"wordpress/wp-content/plugins/brlcad-docbook"
- 2) open [config.php](#) file
- 3) Set you brlcad source code path
- 4) set your review directory path (which are placed in wordpress folder if there is not placed then make one directory there and set the name of directory is review)
- 5) Set your "new\_document" directory path which are placed in wordpress root. ex:- wordpress/new\_document/

## 1.6 for copy\_document.sh script settings.

### 1.6.1 Procedure

- 1) Copy the script and place in brlcad source folder ex:- mybrlcadsource/brlcad/trunk/
- 2) Open copy\_document.sh in editor and do some settings
- 3) set the brlcad source code directory path
- 4) set the wordpress directory path

## 1.7 to run the project

### 1.7.1 Procedure

- 1) give appropriate permissions to copy\_document.sh file using: `chmod 775 copy_document.sh`
- 2) run `./copy_document.sh`



- 3) Open wordpress control Panal. Click on create new Page and make the new page.
- 4) Select "BRL-CAD Manual" theme for new page which you created. From "page Attributes section".
- 5) Click on settings and click on "Reading" under the setting section.
- 6) Click on static page option and set your new created page as default "front page".
- 7) Now make the two folder with these names "review" and "new\_document" in your wordpress root forlder. ex:- wordpress/
- 8) Copy the these xml files from resource which you downloaded from github "all\_template.xml" and "book\_template.xml" into new\_document folder.
- 9) open you browser and type link like:-

[http://servername/wordpress\\_folder\\_name/articles/en/about.php](http://servername/wordpress_folder_name/articles/en/about.php)

Here servername can be replaced with localhost if you are trying to run the project on your own computer.



## Chapter 2

# Class Index

### 2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

[MyPost](#) . . . . . ??



## Chapter 3

# File Index

### 3.1 File List

Here is a list of all files with brief descriptions:

<a href="#">ace.php</a>	??
<a href="#">brlcad-admin.php</a>	??
<a href="#">brlcad-functions-new-document.php</a>	??
<a href="#">brlcad-functions.php</a>	??
<a href="#">config.php</a>	??
<a href="#">docbook.php</a>	??
<a href="#">edit.php</a>	??
<a href="#">language.php</a>	??
<a href="#">new_document.php</a>	??
<a href="#">search_document2.php</a>	??



## Chapter 4

# Class Documentation

### 4.1 MyPost Class Reference

#### Public Attributes

- `$post_title` = "BRL-CAD MAIN MENU"

#### 4.1.1 Detailed Description

Load the Theme style into the page My Post is classs which are used by wordpress to set style of page like title etc. \$wp\_query is variable used for run wordpress query from database. get\_header() is function used for include the header.php file of theme into pages.

#### 4.1.2 Member Data Documentation

##### 4.1.2.1 MyPost::\$post\_title = "BRL-CAD MAIN MENU"

The documentation for this class was generated from the following files:

- [ace.php](#)
- [new\\_document.php](#)
- [search\\_document2.php](#)





## Chapter 5

# File Documentation

### 5.1 ace.php File Reference

#### Classes

- class [MyPost](#)

#### Variables

- `$wp_query` [is\\_home](#) = false
- `$wp_query` [is\\_single](#) = true
- `$wp_query` [queried\\_object](#) = new [MyPost](#)()
- `if(strpos($_GET['url'],'?')) else`

#### 5.1.1 Detailed Description

This file contains the code of editor which are used for editing the new documents This file contains the javascript code for firepad editor and php code for call back urls

#### 5.1.2 Variable Documentation

##### 5.1.2.1 `if (strpos($_GET['url'],'?')) else`

##### Initial value:

```
{
    echo $_GET['url']
}
```

##### 5.1.2.2 `$wp_query is_home = false`

##### 5.1.2.3 `$wp_query is_single = true`

##### 5.1.2.4 `$wp_query queried_object = new MyPost()`

### 5.2 brlcad-admin.php File Reference

## Variables

- `$document_folder` = array()
- `$count` = 0
- `$files_array` = array()
- `$directory_name` = array()
- `foreach` (\$document\_folder as \$directory)
- `if`(\$\_POST['document']) `else`
- `$pn` =20
- `for` (\$pv;\$pv<\$pn;\$pv++)
- `$pages` = abs(sizeof(\$files\_array)/20)

### 5.2.1 Variable Documentation

#### 5.2.1.1 \$count = 0

#### 5.2.1.2 \$directory\_name = array()

#### 5.2.1.3 \$document\_folder = array()

#### 5.2.1.4 \$files\_array = array()

#### 5.2.1.5 \$pages = abs(sizeof(\$files\_array)/20)

#### 5.2.1.6 \$pn =20

#### 5.2.1.7 if (isset(\$\_GET['pv'])) else

#### Initial value:

```
{
    foreach ($document_folder as $directory) {
        $language_directory = scandir(brlcad_source.$directory);
        foreach ($language_directory as $files_directory) {
            if($files_directory == "." OR $files_directory == '..'){
            } else {
                if (is_dir(brlcad_source.$directory."/".$files_directory)) {
                    $files = scandir(brlcad_source.$directory."/".$files_directory);
                    foreach ($files as $filename) {
                        if($filename == "." OR $filename == "..") {
                        } else {
                            $extension = explode(".", $filename);
                            if($extension[1] == "xml" and $extension[0] != "images"){
                                $files_array[$count] = $filename;
                                $directory_name[$count] = $directory;
                                $languages[$count] = $files_directory;
                                $count++;
                            }
                        }
                    }
                }
            }
        }
    }
}

$url = "http://".$_SERVER['HTTP_HOST'].$_SERVER['REQUEST_URI']
```

#### 5.2.1.8 for(\$i=0;\$i<\$pages;\$i++)

#### 5.2.1.9 foreach(\$document\_folder as \$directory)

## 5.3 brlcad-functions-new-document.php File Reference

## Functions

- [new\\_document\\_submit\\_editing](#) (\$file)
- [new\\_document\\_login\\_preview](#) ()
- [new\\_document\\_login\\_preview\\_for\\_other\\_work](#) ()
- [submit](#) ()
- [delete\\_doc](#) ()
- [rename\\_new\\_doc](#) ()
- [sent\\_mails](#) ()

### 5.3.1 Detailed Description

This file working for new document. When user want to add new document in BRL-CAD then user use this file functions. This file used for read the content write the content. Some other additional feature hold in this file is like submit the new document BRL-CAD. The next function is rename the file if user want to rename then its works. Next function used for send the mail to user by admin.

### 5.3.2 Function Documentation

#### 5.3.2.1 [delete\\_doc](#) ( )

This function used for delete the new document

```
224 {
225     shell_exec("rm -r ".$new_document_directory.$_GET['delete']);
226 }
```

#### 5.3.2.2 [new\\_document\\_login\\_preview](#) ( )

This function used for convert the xml document into HTML for preview the changes to user This function used xsltproc and brlcad stylesheet for conversion the xml to html

```
59 {
60     $filename = explode("/", $_GET['new_document']);
61     if (array_search("articles",$filename)) {
62         $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
63         $check = shell_exec("xmllint --xinclude --schema ".$brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".$new_document_directory.$_GET['
new_document']. " 2>&1");
64         fclose($file_two);
65         $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
66         $file_two_data = fwrite($file_two, str_replace(brlcad_source, "../..", stripslashes(
$_POST['t1'])));
67         fclose($file_two);
68         if (strlen($check) < 100) {
69             shell_exec("xsltproc -o ".$new_document_directory.str_replace('xml', '
html', $_GET['new_document']). " ".$brlcad_source."
resources/brlcad/brlcad-article-xhtml-stylesheet.xsl ".$new_document_directory.$_GET['new_document']);
70             $file = fopen(new_document_directory.str_replace('xml', 'html', $_GET[
'new_document']), "r");
71             $data = fread($file, filesize(new_document_directory.str_replace('xml
', 'html', $_GET['new_document'])));
72             fclose($file);
73             $file_two = fopen(new_document_directory.str_replace('xml', 'html',
$_GET['new_document']), "w+");
74             $file_two_data = fwrite($file_two, str_replace("../..", "../", $data));
75             fclose($file_two);
76             echo "<a href='".$home_url()."/new_document/'.str_replace('xml', 'html', $_GET['new_document'
]).">".str_replace('xml', 'html', $_GET['new_document'])."</a>";
77         } else {
78             echo "<div class='upload-errors'><span class='upload-error-message'>".$check."</span></div>";
79         }
80     } elseif (array_search("books",$filename)) {
81         $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
82         $file_two_data = fwrite($file_two, stripslashes($_POST['t1']));
83         $check = shell_exec("xmllint --xinclude --schema ".$brlcad_source."
```

```

resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']. " 2>&1");
84     fclose($file_two);
85     $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
86     shell_exec("xsltproc -o ".new_document_directory.str_replace('xml', 'html',
$_GET['new_document'])." ".brlcad_source."resources/brlcad/brlcad-book-xhtml-stylesheet.xml ".
new_document_directory.$_GET['new_document']);
87     $file_two_data = fwrite($file_two, str_replace(brlcad_source, "../..", stripslashes(
$_POST['t1'])));
88     fclose($file_two);
89     if (strlen($check) < 100) {
90         shell_exec("xsltproc -o ".new_document_directory.str_replace('xml', '
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-book-xhtml-stylesheet.xml ".new_document_directory.$_GET['new_document']);
91         $file = fopen(new_document_directory.str_replace('xml', 'html', $_GET[
'new_document'], "r");
92         $data = fread($file, filesize(new_document_directory.str_replace('xml
', 'html', $_GET['new_document'])));
93         fclose($file);
94         $file_two = fopen(new_document_directory.str_replace('xml', 'html',
$_GET['new_document'], "w+");
95         $file_two_data = fwrite($file_two, str_replace("../..", "../", $data));
96         fclose($file_two);
97         echo "<a href='".home_url()."/new_document/".str_replace('xml', 'html', $_GET['new_document
']).">".str_replace('xml', 'html', $_GET['new_document'])."</a>";
98     } else {
99         echo "<div class='upload-errors'><span class='upload-error-message'>". $check."
</span></div>";
100     }
101     } elseif (array_search("presentations", $filename)) {
102         $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
103         $file_two_data = fwrite($file_two, stripslashes($_POST['t1']));
104         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']. " 2>&1");
105         fclose($file_two);
106         $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
107         $file_two_data = fwrite($file_two, str_replace(brlcad_source, "../..", stripslashes(
$_POST['t1'])));
108         fclose($file_two);
109         if (strlen($check) < 100) {
110             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml', '
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-presentations-xhtml-stylesheet.xml ".new_document_directory.$_GET['new_document']);
111             $file = fopen(new_document_directory.str_replace('xml', 'html', $_GET[
'new_document'], "r");
112             $data = fread($file, filesize(new_document_directory.str_replace('xml
', 'html', $_GET['new_document'])));
113             fclose($file);
114             $file_two = fopen(new_document_directory.str_replace('xml', 'html',
$_GET['new_document'], "w+");
115             $file_two_data = fwrite($file_two, str_replace("../..", "../", $data));
116             fclose($file_two);
117             echo "<a href='".home_url()."/new_document/".str_replace('xml', 'html', $_GET['new_document
']).">".str_replace('xml', 'html', $_GET['new_document'])."</a>";
118         } else {
119             echo "<div class='upload-errors'><span class='upload-error-message'>". $check."</span></div>
";
120         }
121     } else {
122         $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
123         $file_two_data = fwrite($file_two, stripslashes($_POST['t1']));
124         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']. " 2>&1");
125         fclose($file_two);
126         $file_two = fopen(new_document_directory.$_GET['new_document'], "w+");
127         $file_two_data = fwrite($file_two, str_replace(brlcad_source, "../..", stripslashes(
$_POST['t1'])));
128         fclose($file_two);
129         if (strlen($check) < 100) {
130             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml', '
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-specification-xhtml-stylesheet.xml ".new_document_directory.$_GET['new_document']);
131             $file = fopen(new_document_directory.str_replace('xml', 'html', $_GET[
'new_document'], "r");
132             $data = fread($file, filesize(new_document_directory.str_replace('xml
', 'html', $_GET['new_document'])));
133             fclose($file);
134             $file_two = fopen(new_document_directory.str_replace('xml', 'html',
$_GET['new_document'], "w+");
135             $file_two_data = fwrite($file_two, str_replace("../..", "../", $data));
136             fclose($file_two);
137             echo "<a href='".home_url()."/new_document/".str_replace('xml', 'html', $_GET['new_document
']).">".str_replace('xml', 'html', $_GET['new_document'])."</a>";
138         } else {
139             echo "<div class='upload-errors'><span class='upload-error-message'>". $check."

```

```

        </span></div>";
140         }
141     }
142 }

```

### 5.3.2.3 new\_document\_login\_preview\_for\_other\_work ( )

This function used for convert the xml document into HTML for preview the changes to user when user login This function used xsltproc and brlcad stylesheet for conversion the xml to html

```

150 {
151     $filename = explode("/", $_GET['new_document']);
152     if (array_search("articles",$filename)) {
153         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']." 2>&1");
154         if (strlen($check) < 100) {
155             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml','
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-article-xhtml-stylesheet.xsl ".new_document_directory.$_GET['new_document']);
156             echo "<a href='".home_url()."/new_document/'.str_replace('xml','html', $_GET['new_document'
]).'>".str_replace('xml','html', $_GET['new_document'])."</a>";
157         } else {
158             echo "<div class='upload-errors'><span class='upload-error-message'>". $check."</span></div>
";
159         }
160     } elseif (array_search("books",$filename)) {
161         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']." 2>&1");
162         if (strlen($check) < 100) {
163             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml','
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-book-xhtml-stylesheet.xsl ".new_document_directory.$_GET['new_document']);
164             echo "<a href='".home_url()."/new_document/'.str_replace('xml','html', $_GET['new_document'
]).'>".str_replace('xml','html', $_GET['new_document'])."</a>";
165         } else {
166             echo "<div class='upload-errors'><span class='upload-error-message'>". $check."</span></div>
";
167         }
168     } elseif (array_search("man1",$filename)) {
169         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']." 2>&1");
170         if (strlen($check) < 100) {
171             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml','
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-article-xhtml-stylesheet.xsl ".new_document_directory.$_GET['new_document']);
172             echo "<a href='".home_url()."/new_document/'.str_replace('xml','html', $_GET['new_document'
]).'>".str_replace('xml','html', $_GET['new_document'])."</a>";
173         } else {
174             echo "<div class='upload-errors'><span class='upload-error-message'>". $check."</span></div>
";
175         }
176     } elseif (array_search("man3",$filename)) {
177         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']." 2>&1");
178         if (strlen($check) < 100) {
179             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml','
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-article-xhtml-stylesheet.xsl ".new_document_directory.$_GET['new_document']);
180             echo "<a href='".home_url()."/new_document/'.str_replace('xml','html', $_GET['new_document'
]).'>".str_replace('xml','html', $_GET['new_document'])."</a>";
181         } else {
182             echo "<div class='upload-errors'><span class='upload-error-message'>". $check."</span></div>
";
183         }
184     } elseif (array_search("man5",$filename)) {
185         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document']." 2>&1");
186         if (strlen($check) < 100) {
187             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml','
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-article-xhtml-stylesheet.xsl ".new_document_directory.$_GET['new_document']);
188             echo "<a href='".home_url()."/new_document/'.str_replace('xml','html', $_GET['new_document'
]).'>".str_replace('xml','html', $_GET['new_document'])."</a>";
189         } else {
190             echo "<div class='upload-errors'><span class='upload-error-message'>". $check."</span></div>
";
191         }

```

```

192     }
193     elseif (array_search("presentations",$filename)) {
194         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document'].$_ 2>&1");
195         if (strlen($check) < 100) {
196             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml','
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-presentations-xhtml-stylesheet.xsl ".new_document_directory.$_GET['new_document']);
197             echo "<a href='".home_url()."/new_document/".str_replace('xml','html', $_GET['new_document'
]).">".str_replace('xml','html', $_GET['new_document'])."</a>";
198         } else {
199             echo "<div class='upload-errors'><span class='upload-error-message'>".$check."</span></div>
";
200         }
201     } else {
202         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['
new_document'].$_ 2>&1");
203         if (strlen($check) < 100) {
204             shell_exec("xsltproc -o ".new_document_directory.str_replace('xml','
html', $_GET['new_document'])." ".brlcad_source."
resources/brlcad/brlcad-specification-xhtml-stylesheet.xsl ".new_document_directory.$_GET['new_document']);
205             echo "<a href='".home_url()."/new_document/".str_replace('xml','html', $_GET['new_document'
]).">".str_replace('xml','html', $_GET['new_document'])."</a>";
206         } else {
207             echo "<div class='upload-errors'><span class='upload-error-message'>".$check."</span></div>
";
208         }
209     }
210 }

```

#### 5.3.2.4 new\_document\_submit\_editing ( \$file )

This function used for store the data after write by user in file This function used the xmllint function to check the validation of document

```

38     {
39         echo new_document_directory.$file;
40         $file_two = fopen(new_document_directory.$file,"w+");
41         $file_two_data = fwrite($file_two,stripcslashes($_POST['t1']));
42         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".new_document_directory.$_GET['new_document'
]."$_ 2>&1");
43         fclose($file_two);
44         $file_two = fopen(new_document_directory.$file,"w+");
45         $file_two_data = fwrite($file_two,str_replace(brlcad_source,"../../", stripcslashes($_POST
['t1'])));
46         fclose($file_two);
47         if (strlen($check) < 100) {
48         } else {
49             echo "<div class='error below-h2'>
50                 <p><strong>ERROR</strong>: ".$check."</p>
51                 </div>";
52         }

```

#### 5.3.2.5 rename\_new\_doc ( )

This function provide the help to rename the file

```

232     {
233         $file = explode("123", $_GET['rename']);
234         $length = sizeof($file);
235         shell_exec("mv ".new_document_directory.$_GET['rename'].$_
new_document_directory.str_replace($file[$length-1], $_POST['rename'], $_GET['rename'
]));
236     }

```

#### 5.3.2.6 sent\_mails ( )

This function used for sending the emails

```

242     {
243         $id = explode(",",$_POST['email']);
244         $message = $_POST['t1'];
245         $length = sizeof($id);
246         for ($i=0; $i<$length; $i++) {
247             mail($id[$i],'Inviting for edit the document',$message);
248         }
249     }

```

### 5.3.2.7 submit ( )

This function change the status of file . review to submit

```

216     {
217         shell_exec("mv ".new_document_directory.$_GET['submit']." ".
new_document_directory."submit123".$_GET['submit']);
218     }

```

## 5.4 brlcad-functions.php File Reference

### Functions

- [submit\\_editing \(\)](#)
- [login\\_preview \(\)](#)
- [search\\_document \(\)](#)
- [main\\_menu\\_editor \(\)](#)

### 5.4.1 Detailed Description

This file contains the all list of function which are used for handling the request of user. This files contains The [submit\\_editing\(\)](#) and [login\\_preview\(\)](#) and [search\\_document\(\)](#) function for different work. [submit\\_editing\(\)](#) is the function which are used for save the editing which are done by user online. [login\\_preview\(\)](#) is used for show the editing content in HTML format to user online. This function used xsltproc and xmllint function to conversion the documents. [search\\_document\(\)](#) is used for to search the document in directories. Using utf-8 format to represent the content

### 5.4.2 Function Documentation

#### 5.4.2.1 login\_preview ( )

This function used for convert the xml document into HTML for preview the changes to user This function used xsltproc and brlcad stylesheet for conversion the xml to html

```

59     {
60         $filename = explode("/", $_GET['newarticles']);
61         if (array_search("articles",$filename)) {
62             $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
63             $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".review_queue_directory.$_GET['
newarticles']." 2>&1");
64             fclose($file_two);
65             $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
66             $file_two_data = fwrite($file_two, str_replace(brlcad_source, "../..", stripslashes(
$_POST['t1'])));
67             fclose($file_two);
68             if (strlen($check) < 100) {
69                 shell_exec("xsltproc -o ".review_queue_directory.str_replace('xml','
html', $_GET['newarticles'])." ".brlcad_source."
resources/brlcad/brlcad-article-xhtml-stylesheet.xsl ".review_queue_directory.$_GET['newarticles']);
70                 $file = fopen(review_queue_directory.str_replace('xml','html', $_GET[
'newarticles']), "r");
71                 $data = fread($file, filesize(review_queue_directory.str_replace('xml
','html', $_GET['newarticles'])));

```

```

72         fclose($file);
73         $file_two = fopen(review_queue_directory.str_replace('xml','html',
$_GET['newarticles']),"w+");
74         $file_two_data = fwrite($file_two, str_replace(".././", "../", $data));
75         fclose($file_two);
76         echo "<a href='".home_url()."/review/'.str_replace('xml','html', $_GET['newarticles']).">"
.str_replace('xml','html', $_GET['newarticles'])."</a>";
77     } else {
78         echo "<div class='upload-errors'><span class='upload-error-message'>".$check."
</span></div>";
79     }
80 } elseif (array_search("books",$filename)) {
81     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
82     $file_two_data = fwrite($file_two, stripslashes($_POST['t1']));
83     $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".review_queue_directory.$_GET[
newarticles']. " 2>&1");
84     fclose($file_two);
85     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
86     shell_exec("xsltproc -o ".review_queue_directory.str_replace('xml','html',
$_GET['newarticles'])." ".brlcad_source."resources/brlcad/brlcad-book-xhtml-style-sheet.xsl ".
review_queue_directory.$_GET['newarticles']);
87     $file_two_data = fwrite($file_two, str_replace(brlcad_source, ".././", stripslashes(
$_POST['t1'])));
88     fclose($file_two);
89     if (strlen($check) < 100) {
90         shell_exec("xsltproc -o ".review_queue_directory.str_replace('xml','
html', $_GET['newarticles'])." ".brlcad_source."
resources/brlcad/brlcad-book-xhtml-style-sheet.xsl ".review_queue_directory.$_GET['newarticles']);
91         $file = fopen(review_queue_directory.str_replace('xml','html', $_GET[
'newarticles']), "r");
92         $data = fread($file, filesize(review_queue_directory.str_replace('xml
','html', $_GET['newarticles'])));
93         fclose($file);
94         $file_two = fopen(review_queue_directory.str_replace('xml','html',
$_GET['newarticles']),"w+");
95         $file_two_data = fwrite($file_two, str_replace(".././", "../", $data));
96         fclose($file_two);
97         echo "<a href='".home_url()."/review/'.str_replace('xml','html', $_GET['newarticles']).">"
.str_replace('xml','html', $_GET['newarticles'])."</a>";
98     } else {
99         echo "<div class='upload-errors'><span class='upload-error-message'>".$check."</span></div>
";
100     }
101 } elseif (array_search("man1",$filename) or array_search("man3",$filename) or array_search("man5",
$filename)) {
102     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
103     $file_two_data = fwrite($file_two, stripslashes($_POST['t1']));
104     $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".review_queue_directory.$_GET[
newarticles']. " 2>&1");
105     fclose($file_two);
106     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
107     $file_two_data = fwrite($file_two, str_replace(brlcad_source, ".././", stripslashes(
$_POST['t1'])));
108     fclose($file_two);
109     if (strlen($check) < 100) {
110         shell_exec("xsltproc -o ".review_queue_directory.str_replace('xml','
html', $_GET['newarticles'])." ".brlcad_source."
resources/brlcad/brlcad-article-xhtml-style-sheet.xsl ".review_queue_directory.$_GET['newarticles']);
111         $file = fopen(review_queue_directory.str_replace('xml','html', $_GET[
'newarticles']), "r");
112         $data = fread($file, filesize(review_queue_directory.str_replace('xml
','html', $_GET['newarticles'])));
113         fclose($file);
114         $file_two = fopen(review_queue_directory.str_replace('xml','html',
$_GET['newarticles']),"w+");
115         $file_two_data = fwrite($file_two, str_replace(".././", "../", $data));
116         fclose($file_two);
117         echo "<a href='".home_url()."/review/'.str_replace('xml','html', $_GET['newarticles']).">"
.str_replace('xml','html', $_GET['newarticles'])."</a>";
118     } else {
119         echo "<div class='upload-errors'><span class='upload-error-message'>".$check."</span></div>
";
120     }
121 }
122 } elseif (array_search("presentations",$filename)) {
123     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
124     $file_two_data = fwrite($file_two, stripslashes($_POST['t1']));
125     $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".review_queue_directory.$_GET[
newarticles']. " 2>&1");
126     fclose($file_two);
127     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
128     $file_two_data = fwrite($file_two, str_replace(brlcad_source, ".././", stripslashes(
$_POST['t1'])));
129     fclose($file_two);

```



```

130         if (strlen($check)<100) {
131             shell_exec("xsltproc -o ".review_queue_directory.str_replace('xml','
html', $_GET['newarticles']))." ".brlcad_source."
resources/brlcad/brlcad-presentations-xhtml-stylesheet.xml ".review_queue_directory.$_GET['newarticles']);
132             $file = fopen(review_queue_directory.str_replace('xml','html', $_GET[
'newarticles']), "r");
133             $data = fread($file, filesize(review_queue_directory.str_replace('xml
','html', $_GET['newarticles'])));
134             fclose($file);
135             $file_two = fopen(review_queue_directory.str_replace('xml','html',
$_GET['newarticles']), "w+");
136             $file_two_data = fwrite($file_two, str_replace("../..", "../", $data));
137             fclose($file_two);
138             echo "<a href='".home_url()."/review/".str_replace('xml','html', $_GET['newarticles']).">"
.str_replace('xml','html', $_GET['newarticles'])."</a>";
139
140         } else {
141             echo "<div class='upload-errors'><span class='upload-error-message'>".$check."</span></div>
";
142         }
143     } else {
144         $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
145         $file_two_data = fwrite($file_two, stripslashes($_POST['tl']));
146         $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".review_queue_directory.$_GET[
'newarticles'])." 2>&l");
147         fclose($file_two);
148         $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
149         $file_two_data = fwrite($file_two, str_replace(brlcad_source, "../..", stripslashes (
$_POST['tl'])));
150         fclose($file_two);
151         if (strlen($check)<100) {
152             shell_exec("xsltproc -o ".review_queue_directory.str_replace('xml','
html', $_GET['newarticles']))." ".brlcad_source."
resources/brlcad/brlcad-specification-xhtml-stylesheet.xml ".review_queue_directory.$_GET['newarticles']);
153             $file = fopen(review_queue_directory.str_replace('xml','html', $_GET[
'newarticles']), "r");
154             $data = fread($file, filesize(review_queue_directory.str_replace('xml
','html', $_GET['newarticles'])));
155             fclose($file);
156             $file_two = fopen(review_queue_directory.str_replace('xml','html',
$_GET['newarticles']), "w+");
157             $file_two_data = fwrite($file_two, str_replace("../..", "../", $data));
158             fclose($file_two);
159             echo "<a href='".home_url()."/review/".str_replace('xml','html', $_GET['newarticles']).">"
.str_replace('xml','html', $_GET['newarticles'])."</a>";
160
161         } else {
162             echo "<div class='upload-errors'><span class='upload-error-message'>".$check."</span></div>
";
163         }
164     }
165 }

```

#### 5.4.2.2 main\_menu\_editor ( )

```

216 {
217     $file = fopen("../../articles/en/main_menu.html", "r");
218     $fr = fread($file, filesize("../../articles/en/main_menu.html"));
219     $_COOKIE['main_menu'] = "http://".$_SERVER['HTTP_HOST'].$_SERVER['REQUEST_URI'];
220     $url = explode("/", $_COOKIE["main_menu"]);
221     $get_url_size = sizeof($url);
222     $original = 'href="'.$../..$.url[$get_url_size-3].'/'.$.url[$get_url_size-2].'/'.$.url[$get_url_size-1
].'";
223     $replaced = 'id="unique" href="'.$../..$.url[$get_url_size-3].'/'.$.url[$get_url_size-2].'/'.$.url[
$get_url_size-1].'";
224     $fr = str_replace($original, $replaced, $fr);
225     $fr = str_replace('class="menu"', 'class="menuu"', $fr);
226     $fr = str_replace("../x.php", "##", $fr);
227     $fr = str_replace("../xx.php", "###", $fr);
228     $fr = str_replace("../xxx.php", "####", $fr);
229     $fr = str_replace("../xxxx.php", "#####", $fr);
230     $fr = str_replace("../xxxxx.php", "#####", $fr);
231     $fr = str_replace("../xxxxxx.php", "#####", $fr);
232     $fr = str_replace("../xxxxxxx.php", "#####", $fr);
233     $fr = str_replace("../xxxxxxxx.php", "#####", $fr);
234     $fr = str_replace("../xxxxxxxxx.php", "#####", $fr);
235     $fr = str_replace("../..", ".....", $fr);
236     $fr = str_replace("<a", "<a onclick='TreeMenu.toggle(this)'", $fr);
237     echo $fr;
238 }

```

### 5.4.2.3 search\_document ( )

This function used for searching the files from the resource

```

171                                     {
172 ?>
173     <form action="<?php echo home_url();?>/wp-content/plugins/brlcad-docbook/search_document2.php" method=
    "post">
174     <div id = "searchbox">
175     <center>
176     <div style = "padding:0%;width:100%;padding-left:0%;float:left;font-size:0.7em;"><a href="<?php echo
    home_url();?>/index.php/?page_id=216"><h5><img src = "<?php echo
    home_url();?>/wp-content/themes/brlcad/img/icons/home.png" style="padding-right:1%;width:7%">BRL-CAD Reference Manual<
    </center>
177     <br>
178     <input list = "document" placeholder = "Search docs" maxlength = "35" type = "search" name = "s" style
179     = "padding-right:15%">
180     </form>
181     </div>
182 <?php
183     $document_folder = array();
184     array_push($document_folder, "articles");
185     array_push($document_folder, "books");
186     array_push($document_folder, "lessons");
187     array_push($document_folder, "man1");
188     array_push($document_folder, "man3");
189     array_push($document_folder, "man5");
190     array_push($document_folder, "mann");
191     array_push($document_folder, "presentations");
192     array_push($document_folder, "specifications");
193     echo "<datalist id='document'>";
194     foreach ($document_folder as $directory) {
195         $language_directory = scandir("../../".$directory);
196         foreach ($language_directory as $files_directory) {
197             if ($files_directory == "." OR $files_directory == '..') {
198                 } else {
199                 $files = scandir("../../".$directory."/".$files_directory);
200                 foreach ($files as $filename) {
201                     if ($filename == "." OR $filename == "..") {
202                         } else {
203                         $extension = explode(".", $filename);
204                         if ($extension[1] != "html" and $extension[0] != "images") {
205                             $remove_extension = explode(".", $filename);
206                             echo "<option value='".$remove_extension[0]."'>";
207                         }
208                     }
209                 }
210             }
211         }
212     }
213     echo "</datalist>";
214 }

```

### 5.4.2.4 submit\_editing ( )

This function used for store the data after write by user in file This function used the xmlLint function to check the validation of document

```

39                                     {
40     $filename = explode("/", $_GET['newarticles']);
41     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
42     $file_two_data = fwrite($file_two, stripslashes($_POST['t1']));
43     $check = shell_exec("xmllint --xinclude --schema ".brlcad_source."
    resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".review_queue_directory.$_GET['newarticles'].
    " 2>&1");
44     fclose($file_two);
45     $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
46     $file_two_data = fwrite($file_two, str_replace(brlcad_source, "../..", stripslashes($_POST
    ['t1'])));
47     fclose($file_two);
48     if (strlen($check) < 100) {
49     } else {
50         echo "<div class='error below-h2'><p><strong>ERROR</strong>: ".$check."</p> </div>";
51     }
52 }

```

## 5.5 config.php File Reference

### Variables

- const [brlcad\\_source](#) '/home/smile/mybrlcadcode/brlcad/trunk/doc/docbook/'
- const [review\\_queue\\_directory](#) '/var/www/html/docbook/[review](#)'
- const [new\\_document\\_directory](#) '/var/www/html/docbook/[new\\_document](#)'

### 5.5.1 Detailed Description

This file contains the references paths of different resources for different purpose.

### 5.5.2 Variable Documentation

5.5.2.1 const [brlcad\\_source](#) '/home/smile/mybrlcadcode/brlcad/trunk/doc/docbook/'

5.5.2.2 const [new\\_document\\_directory](#) '/var/www/html/docbook/[new\\_document](#)'

5.5.2.3 const [review\\_queue\\_directory](#) '/var/www/html/docbook/[review](#)'

## 5.6 docbook.php File Reference

### Functions

- [brlcad\\_menu](#) ()
- [my\\_script\\_method](#) ()
- [review](#) ()
- [review\\_edit](#) ()
- [xml\\_edit](#) ()
- [new\\_document](#) ()
- [new\\_document\\_xml\\_edit](#) ()
- [all\\_document](#) ()
- [rename\\_doc](#) ()
- [invite\\_user](#) ()
- [Review\\_New\\_Document](#) ()
- [cmake](#) ()
- [add](#) ()
- [reject](#) ()
- [delete](#) ()
- [full\\_delete](#) ()
- [edit\\_menu](#) ()

### 5.6.1 Detailed Description

This file contains the all function which are used for wordpress integration as well as docbook work Include the header files for using different functions like [brlcad-functions.php](#) for read & write the data in files Search the files from directories so I am using this files for this purpose. Next files is stroe the configurations settings for plugin and brlcad resources Next header files stroe the function for new document read and write

### Author

Hitesh Sofat (Nouhra)

## 5.6.2 Function Documentation

### 5.6.2.1 add( )

This function used for review the changes which are done by user. This function also made the patches for changes and applied the patch on original file. This function also provide interface to admin with admin see the all patches. This function also hold the delete operations. After patch applied the patch file automatically deleted and edit file also.

```

642 {
643     $get_cmakefile_path = explode("123", $_GET['file']);
644     $length = sizeof($get_cmakefile_path);
645     if(array_search("system", $get_cmakefile_path))
646     {
647         $write_cmake_file = fopen(new_document_directory.$get_cmakefile_path[2]."123".
        $get_cmakefile_path[3]."123".$get_cmakefile_path[4]."123CMakeLists.txt", "w+");
648         $write = fwrite($write_cmake_file, stripslashes($_POST['update_cmake']));
649         fclose($write_cmake_file);
650         shell_exec("mv ".new_document_directory.$get_cmakefile_path[2]."123".
        $get_cmakefile_path[3]."123".$get_cmakefile_path[4]."123CMakeLists.txt" ".new_document_directory.CMakeLists.txt");
651         shell_exec("diff -u -b ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3].
        ."/".$get_cmakefile_path[4]."/CMakeLists.txt" ".new_document_directory.CMakeLists.txt" "> " ".
        brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".$get_cmakefile_path[4]."/CMakeLists.patch");
652         shell_exec("patch ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".
        $get_cmakefile_path[4]."/CMakeLists.txt" "< ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3].
        ."/".$get_cmakefile_path[4]."/CMakeLists.patch" "> ");
653         shell_exec("mv ".review_queue_directory."123articles123en123main_menu.xml" ".
        new_document_directory.main_menu.xml");
654         shell_exec("diff -u -b ".brlcad_source."articles/en/main_menu.xml" ".
        review_queue_directory.main_menu.xml" "> " ".brlcad_source./articles/en/main_menu.patch");
655         shell_exec("patch ".brlcad_source."articles/en/main_menu.xml" "< ".brlcad_source."
        articles/en/main_menu.patch" "> ");
656         shell_exec("mv ".new_document_directory.$_GET['file']" ".
        brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".$get_cmakefile_path[4]."/"
        ."$get_cmakefile_path[$length-1]");
657         shell_exec("svn add ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".
        $get_cmakefile_path[4]."/".$get_cmakefile_path[$length-1]);
658         shell_exec("rm -r ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".
        $get_cmakefile_path[4]."/CMakeLists.patch");
659         shell_exec("rm -r ".new_document_directory.$_GET['file']);
660         shell_exec("rm -r ".review_queue_directory."articles/en/main_menu.xml");
661         shell_exec("rm -r ".new_document_directory.str_replace(".xml", ".html", $_GET['
        file']));
662         shell_exec("rm -r ".new_document_directory.CMakeLists.txt");
663         echo "<div id = 'message' class='updated notice notice-success is-dismissible below-h2'><p>Document
        successfully Added </p><button type = 'button' class = 'notice-dismiss'><span class =
        'screen-reader-text'>Dismiss this notice.</span></button></div>";
664     } else {
665         $write_cmake_file = fopen(new_document_directory.$get_cmakefile_path[2]."123".
        $get_cmakefile_path[3]."123CMakeLists.txt", "w+");
666         $write = fwrite($write_cmake_file, $_POST['update_cmake']);
667         fclose($write_cmake_file);
668         shell_exec("mv ".new_document_directory.$get_cmakefile_path[2]."123".
        $get_cmakefile_path[3]."123CMakeLists.txt" ".new_document_directory.CMakeLists.txt");
669         shell_exec("diff -u -b ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3].
        /CMakeLists.txt" ".new_document_directory.CMakeLists.txt" "> " ".brlcad_source.$get_cmakefile_path[2]./
        ."$get_cmakefile_path[3]."/CMakeLists.patch");
670         shell_exec("patch ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3].
        /CMakeLists.txt" "< ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/CMakeLists.patch" "> ");
671         shell_exec("mv ".review_queue_directory."123articles123en123main_menu.xml" ".
        new_document_directory.main_menu.xml");
672         shell_exec("diff -u -b ".brlcad_source."articles/en/main_menu.xml" ".
        review_queue_directory.main_menu.xml" "> " ".brlcad_source./articles/en/main_menu.patch");
673         shell_exec("patch ".brlcad_source."articles/en/main_menu.xml" "< ".brlcad_source."
        articles/en/main_menu.patch" "> ");
674         shell_exec("mv ".new_document_directory.$_GET['file']" ".
        brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".$get_cmakefile_path[
        $length-1]);
675         shell_exec("svn add ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".
        $get_cmakefile_path[$length-1]);
676         shell_exec("rm -r ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3].
        /CMakeLists.patch");
677         shell_exec("rm -r ".new_document_directory.$_GET['file']);
678         shell_exec("rm -r ".review_queue_directory."articles/en/main_menu.xml");
679         shell_exec("rm -r ".new_document_directory.str_replace(".xml", ".html", $_GET['
        file']));
680         shell_exec("rm -r ".new_document_directory.CMakeLists.txt");
681         echo "<div id = 'message' class='updated notice notice-success is-dismissible below-h2'><p>Document
        successfully Added </p><button type = 'button' class = 'notice-dismiss'><span class =
        'screen-reader-text'>Dismiss this notice.</span></button></div>";
682     }
683 }

```

### 5.6.2.2 all\_document ( )

This function show the all document which are created by user

```

476 {
477     $url = "http://".$_SERVER['HTTP_HOST'].$_SERVER['REQUEST_URI'];
478     if ($_GET['msg']) {
479         echo "<div id='message' class='updated notice notice-success is-dismissible below-h2'><p>Document
successfully Submit </p><button type='button' class='notice-dismiss'><span class='screen-reader-text'>Dismiss
this notice.</span></button></div>";
480     }
481     if ($_GET['delete']) {
482         echo "<div id='message' class='updated notice notice-success is-dismissible below-h2'><p>Document
successfully Delete </p><button type='button' class='notice-dismiss'><span
class='screen-reader-text'>Dismiss this notice.</span></button></div>";
483     }
484     if ($_GET['rename']) {
485         echo "<div id='message' class='updated notice notice-success is-dismissible below-h2'><p>Document
successfully renamed </p><button type='button' class='notice-dismiss'><span
class='screen-reader-text'>Dismiss this notice.</span></button></div>";
486     }
487     if ($_GET['invite']) {
488         echo "<div id='message' class='updated notice notice-success is-dismissible below-h2'><p>Emails
successfully Sent </p><button type='button' class='notice-dismiss'><span
class='screen-reader-text'>Dismiss this notice.</span></button></div>";
489     }
490     global $current_user;
491     get_currentuserinfo();
492     echo "<table class='wp-list-table widefat fixed striped posts'>";
493     echo "<tr class='inline-edit-row inline-edit-row-post inline-edit-post quick-edit-row
quick-edit-row-post inline-edit-post'><th>File name
494     </th><th>Category</th><th>Language</th><th>Submit for
Review</th><th>Edit</th><th>Invitations</th><th>Rename</th><th>Delete</th></tr>";
495     $language_directory = scandir(new_document_directory);
496     foreach ($language_directory as $files_directory) {
497         if ($files_directory == "." OR $files_directory == "..") {
498             } else {
499                 $extension = explode(".", $files_directory);
500                 if ($extension[1] == "xml") {
501                     $user = explode("123", $files_directory);
502                     $length = sizeof($user);
503                     if ($current_user->user_login == $user[0]) {
504                         echo "<form action='".$_plugins_url()."/brlcad-docbook/edit.php?submit=".$
$files_directory.'" method='post'><tr><td>
505                             ".$user[$length-1]."</td><td>".$user[1]."</td><td>".$user[2]."</td><td>
506                             <input type='submit' class='button button-primary' value='Submit For
Review'></td></form>
507                             <form action='".$_plugins_url()."/brlcad-docbook/new_document.php?new_document="
.$files_directory."&url=".$url.'"
method='post'><td><input
type='submit' class='button button-primary' value='Edit'></td></form>
508                             <form action='".$_home_url()."/wp-admin/admin.php?page=invite_user&new_document=".$files_directory.'"
class='button button-primary' value='Invite users'></td></form>
509                             <form action='".$_home_url()."/wp-admin/admin.php?page=rename&new_document="
.$files_directory.'"
method='post'><td><input type='submit'
class='button button-primary' value='Rename'></td></form>
510                             <form action='".$_plugins_url()."/brlcad-docbook/edit.php?delete="
.$files_directory.'" method='post'><td>
511                             <input type='submit' class='button button-primary'
value='Delete'></td></form></tr>";
512                         echo "</form>";
513                     }
514                 }
515             }
516         }
517         echo "</table>";
518     }

```

### 5.6.2.3 brlcad\_menu ( )

```

149     {
150         add_menu_page('XML files', 'XML Files', 'read', 'brlcad-docbook/brlcad-admin.php', '', '', 6);
151         add_submenu_page( NULL, 'Review', 'Review', 'manage_options', 'review', 'review');
152         add_submenu_page( 'brlcad-docbook/brlcad-admin.php', 'Review Edit', 'Review Edit', 'manage_options', '
review_edit', 'review_edit');
153         add_submenu_page( 'brlcad-docbook/brlcad-admin.php', 'New Document', 'Add New Document', 'read', '
new_document', 'new_document');
154         add_submenu_page( 'brlcad-docbook/brlcad-admin.php', 'ALL Documents', 'All Document', 'read', '
all_document', 'all_document');
155         add_submenu_page( NULL, 'Rename', 'Rename', 'read', 'rename', 'rename_doc');
156         add_submenu_page( NULL, 'Invite', 'Invite', 'read', 'invite_user', 'invite_user');
157         add_submenu_page( NULL, 'cmake', 'cmake', 'manage_options', 'cmake', 'cmake');

```

```

158     add_submenu_page( NULL, 'add', 'add', 'manage_options', 'add','add');
159     add_submenu_page( NULL, 'reject', 'reject', 'manage_options', 'reject','reject');
160     add_submenu_page( NULL, 'delete', 'delete', 'read', 'delete','delete');
161     add_submenu_page( NULL, 'full_delete', 'full_delete', 'read', 'full_delete','full_delete');
162     add_submenu_page( NULL, 'edit_menu', 'edit_menu', 'read', 'edit_menu','edit_menu');
163     add_submenu_page( 'brlcad-docbook/brlcad-admin.php', 'Review_New_Document', 'Review_New_Document', '
manage_options', 'Review_New_Document','Review_New_Document');
164 }

```

#### 5.6.2.4 cmake ( )

This function used for editing the CMakeList.txt file for admin to add new document in this file

```

611 {
612     $get_cmakefile_path = explode("123", $_GET['file']);
613     if(array_search("system",$get_cmakefile_path))
614     {
615         shell_exec("cp ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3]."/".
        $get_cmakefile_path[4]."/CMakeLists.txt"." ".new_document_directory.$get_cmakefile_path[2]."123".
        $get_cmakefile_path[3]."123".$get_cmakefile_path[4]."123CMakeLists.txt");
616         $cmake_file_open = fopen(new_document_directory.$get_cmakefile_path[2]."123".
        $get_cmakefile_path[3]."123CMakeLists.txt","r");
617         $cmake_read = fread($cmake_file_open, filesize(new_document_directory.
        $get_cmakefile_path[2]."123".$get_cmakefile_path[3]."123CMakeLists.txt"));
618         echo "<form action ='".home_url()."/wp-admin/admin.php?page=add&file=".$_GET['file']."' method='post'>"
        ;
619         echo "<textarea cols = '60' rows = '25' name = 'update_cmake'>".$cmake_read."</textarea><br>";
620         echo "<input type = 'submit' value = 'Add'>";
621         fclose($cmake_file_open);
622     } else {
623         shell_exec("cp ".brlcad_source.$get_cmakefile_path[2]."/".$get_cmakefile_path[3].
        /CMakeLists.txt"." ".new_document_directory.$get_cmakefile_path[2]."123".$get_cmakefile_path[3]."123CMakeLists.txt")
        ;
624         $cmake_file_open = fopen(new_document_directory.$get_cmakefile_path[2]."123".
        $get_cmakefile_path[3]."123CMakeLists.txt","r");
625         $cmake_read = fread($cmake_file_open, filesize(new_document_directory.
        $get_cmakefile_path[2]."123".$get_cmakefile_path[3]."123CMakeLists.txt"));
626         echo "<form action ='".home_url()."/wp-admin/admin.php?page=add&file=".$_GET['file']."' method='post'>"
        ;
627         echo "<textarea cols = '60' rows = '25' name = 'update_cmake'>".$cmake_read."</textarea><br>";
628         echo "<input type = 'submit' value = 'Add'>";
629         fclose($cmake_file_open);
630     }
631 }

```

#### 5.6.2.5 delete ( )

This function used for delete the document

```

716 {
717     echo "<h3>Please remove the name of file from CMakeLists file</h3>";
718     $cmake = explode("/", $_GET['article']);
719     $length = sizeof($cmake);
720     echo "<form action ='".home_url()."/wp-admin/admin.php?page=full_delete&article=".$_GET['article']."'
method='Post'>";
721     $cmake_file = str_replace($cmake[$length-1], "CMakeLists.txt", $_GET['article']);
722     shell_exec("cp ".$cmake_file." ".review_queue_directory.str_replace("/", "123",
$cmake_file));
723     $cmake_open = fopen(review_queue_directory.str_replace("/", "123", $cmake_file),"
r");
724     $file_data = fread($cmake_open, filesize($cmake_file));
725     echo "<textarea cols = '60' rows = '20' name = 'data'>".$file_data."</textarea> <br> ";
726     fclose($cmake_open);
727     echo "<input type = 'submit' value = 'Delete'>";
728 }

```

#### 5.6.2.6 edit\_menu ( )

This function provide the help to edit the menu file so user it self add the new menu options

```

756 {
757     echo "<h2>Before submission of document you need to update the menu file. In this file you need to

```

```

        define your document table of content as tree structure under document category
        (article,book,lesson,presentation,specifications).</h2>";
758     echo "<h3>For example</h3>";
759     echo "<ul>";
760     echo "<li>name of chapter";
761     echo "<ul style = 'margin-left:6px'>";
762     echo "<li>name of section";
763     echo "<ul style = 'margin-left:6px'>";
764     echo "<li>name of sub section </li>";
765     echo "</ul>";
766     echo "</li>";
767     echo "</ul>";
768     echo "</li>";
769     echo "</ul>";
770     echo "<h2>Made the link between chapters, section, sub sections with its own id's(xmls:id). so they
        easy to point the document online </h2>";
771 $url = "http://".$_SERVER['HTTP_HOST'].$_SERVER['REQUEST_URI'];
772     echo "<form action='".plugins_url()."/brlcad-docbook/edit.php?article=".home_url()."
        /articles/en/main_menu.php?url=".$_url.'" method='post'>";
773     echo "<input type = 'submit' value = 'Edit menu'>";
774     if ($_GET['msg'] == "yes") {
775         wp_redirect(home_url())."/wp-admin/admin.php?page=all_document&msg=yes");
776     }
777 }

```

### 5.6.2.7 full\_delete ( )

This function used for delete the all data related with new document like:- patch, edited file etc.

```

735 {
736     $cmake = explode("/", $_GET['article']);
737     $length = sizeof($cmake);
738     $cmake_file = str_replace($cmake[$length-1], "CMakeLists.txt", $_GET['article']);
739     $cmake_open = fopen(review_queue_directory.str_replace("/", "123", $cmake_file),"
w+");
740     $file_data = fwrite($cmake_open, stripslashes($_POST['data']));
741     fclose($cmake_open);
742     shell_exec("diff -u -b ".$cmake_file." ".review_queue_directory.str_replace("/",
"123",$cmake_file). "> " .str_replace("CMakeLists.txt","", $cmake_file). "CMakeLists.patch");
743     shell_exec("patch ".$cmake_file." < ".str_replace("CMakeLists.txt", "CMakeLists.patch", $cmake_file). "
");
744     shell_exec("rm -r ".str_replace("CMakeLists.txt", "CMakeLists.patch", $cmake_file));
745     shell_exec("rm -r ".review_queue_directory.str_replace("/", "123", $cmake_file));
746     shell_exec("rm -r ".$_GET['article']);
747     shell_exec("svn remove ".$_GET['article']);
748     echo "<div id = 'message' class = 'updated notice notice-success is-dismissible below-h2'><p>Document
successfully Deleted </p><button type = 'button' class = 'notice-dismiss'><span class =
'screen-reader-text'>Dismiss this notice.</span></button></div>";
749 }

```

### 5.6.2.8 invite\_user ( )

This function used for invite the users to edit the file using mail

```

541 {
542     $filename = explode("123", $_GET['new_document']);
543     $length = sizeof($filename);
544     $url_with_hash_key = home_url())."/wp-content/plugins/brlcad-docbook/new_document.php?new_document=".
$_GET['new_document']. "##".md5($filename[$length-1]);
545
546 ?>
547     <form action = "<?php echo home_url();?>/wp-content/plugins/brlcad-docbook/edit.php?invite=<?php echo
$_GET['new_document'];?>" method = "post">
548     <table>
549     <tr>
550         <td>Email Id's</td><td><input type='text' name='email' required>(please use comma between
the Email id's)</td>
551     </tr>
552     <tr>
553         <td>Message</td><td><textarea name='t1' rows="15" cols="100"><?php echo $url_with_hash_key
?></textarea></td>
554     </tr>
555     <tr>
556         <td><input type="submit" value="Send"></td>
557     </tr>
558     </table>
559     </form>

```

```
560 <?php
561 }
```

### 5.6.2.9 my\_script\_method ( )

This function used for adding the new javascript file in plugin

```
171 {
172     wp_enqueue_script('doc_category',plugins_url('/js/jquery.min.js',__FILE__));
173 }
```

### 5.6.2.10 new\_document ( )

This function used for creating the new document form with help user enter the name of document and category as well as language

```
377 {
378     $url = "http://".$_SERVER['HTTP_HOST'].$_SERVER['REQUEST_URI'];
379     ?>
380     <script type="text/javascript">
381     $(document).ready(function() {
382     $("#s1").change(function() {
383     $.post("<?php echo plugins_url('language.php',__FILE__);?>", {catname:$("#s1").val()}).done(function(
384     data){
385     $("#s2 option").remove();
386     $("#s2").append(data);
387     });
388     });
389     </script>
390     <form action = "<?php echo plugins_url('edit.php',__FILE__);?>?method=new_document&url=<?php echo
391     $url;?>" method = 'post'>
392     <table>
393     <tr>
394     <td>Document Name</td>
395     <td><input type = "text" name = "t1" required>(use underscore in filename)</td>
396     </tr>
397     <tr>
398     <td>Select Category</td>
399     <td><select name = "s1" required id = "s1">
400     <option>.....</option>
401     <option value = 'articles'>Articles</option>
402     <option value = 'books'>Books</option>
403     <option value = 'lessons'>Lessons</option>
404     <option value = 'system/man1'>Man 1</option>
405     <option value = 'system/man3'>Man 3</option>
406     <option value = 'system/man5'>Man 5</option>
407     <option value = 'system/mann'>Mann</option>
408     <option value = 'presentations'>Presentations</option>
409     <option value = 'specifications'>Specifications</option>
410     </select>
411     </td>
412     </tr>
413     <tr>
414     <td>Select Language</td>
415     <td><select name = "s2" id = "s2" required></select>(Supported language are:- en,es,it,hy,
416     ru)</td>
417     </tr>
418     <tr>
419     <td><input type = "submit" name = "Create" value = "Create"></td>
420     </tr>
421     </table>
422     </form>
423     <?php
424 }
```

### 5.6.2.11 new\_document\_xml\_edit ( )

This function used for creating new file This function used for write the data This function used for make perview of edited file



```

431 {
432     global $current_user;
433     get_currentuserinfo();
434     if (strlen($_POST['t1'])>0) {
435         $editable_file = $current_user->user_login."123".$_POST['s1']."123".$_POST['s2']."123".$_POST['t1'
].".xml";
436         $editable_file = str_replace("/", "123", $editable_file);
437         if (file_exists(new_document_directory.$editable_file)) {
438             $file_two = fopen(new_document_directory.$editable_file,"w+");
439             fclose($file_two);
440         } else {
441             if ($_POST['s1']=="books") {
442                 $file_two = fopen(new_document_directory."book_template.xml",
"r");
443                 $data = fread($file_two, filesize(new_document_directory."
book_template.xml"));
444                 fclose($file_two);
445                 $file_two = fopen(new_document_directory.$editable_file,"w+")
;
446                 $fwrite = fwrite($file_two, $data);
447                 fclose($file_two);
448             } else {
449                 $file_two = fopen(new_document_directory."all_template.xml", "
r") or die("not open");
450                 $data = fread($file_two, filesize(new_document_directory."
all_template.xml"));
451                 fclose($file_two);
452                 $file_two = fopen(new_document_directory.$editable_file,"w+")
;
453                 $fwrite = fwrite($file_two, $data);
454                 fclose($file_two);
455             }
456         }
457     }
458     if (strlen($_GET['new_document'])>2) {
459         if ($_POST['submit']) {
460             new_document_submit_editing();
461         }
462         if ($_POST['preview']) {
463             new_document_login_preview();
464         }
465     }
466     if (isset($_GET['msg'])) {
467         echo "Thanks for contribution in our documents your changes is under review";
468     }
469 }

```

### 5.6.2.12 reject ( )

This function provide the rejection option to admin. If admin not want accept the docuemnt then admin reject the document and send the reason of rejection to user for futher improvement

```

691 {
692     global $current_user;
693     get_currentuserinfo();
694     if (isset($_POST['send'])) {
695         mail($_POST['t1'],$_POST['t2'],$_POST['t3']);
696         wp_redirect(home_url())."/wp-admin/admin.php?page=Review_New_Document&email=yes");
697     }
698     shell_exec("mv ".new_document_directory.$_GET['file']." ".
new_document_directory.str_replace("submit123","",$_GET['file']));
699     $connect = mysql_connect (DB_HOST,DB_USER,DB_PASSWORD);
700     mysql_select_db (DB_NAME,$connect);
701     $result = mysql_query ("select * from wp_users where user_login='".$current_user->user_login."'");
702     $data = mysql_fetch_array ($result);
703     echo "<h4>Reply to user write down reason for reject document or any error</h4>";
704     echo "<form action='' method='Post'><table><tr>
705     <td>Email-id</td><td><input type = 'email' name = 't1' value = ".$data['user_email']. "></td></tr><tr>
706     <td>Subject</td><td><input type = 'text' name = 't2'></td></tr>
707     <td>Message</td><td><textarea cols = '40' rows = '20' name = 't3'>Message</textarea></td>
708     </tr><tr><td><input type = 'submit' value = 'Send Mail' name = 'send'></td></tr></table></form>";
709 }

```

### 5.6.2.13 rename\_doc ( )

This function used for rename the file

```

525 {
526     $filename = explode("123", $_GET['new_document']);
527     $length = sizeof($filename);
528 }?>
529 <form action = "<?php echo home_url();?>/wp-content/plugins/brlcam-docbook/edit.php?rename = <?php echo
    $_GET['new_document'];?>" method = "post">
530 <input type = "text" name = 'rename' value = "<?php echo $filename[$length-1];?>">
531 <input type = "submit" name = 'r' value = "Submit">
532 </form>
533 <?php
534 }

```

#### 5.6.2.14 review ( )

This function made the interface for admin to see the all changes which are done by user.

```

181 {
182     if ($_GET['dif'] == "ok") {
183         $get_real_file = explode("123", $_GET['newarticles']);
184         $length = sizeof($get_real_file);
185         $real_name = $get_real_file[$length-1];
186         if (array_search("man1", $get_real_file) OR array_search("man3", $get_real_file) OR array_search("
man5", $get_real_file) OR array_search("mann", $get_real_file)) {
187             $real_file_with_path = $get_real_file[0]."/". $get_real_file[1]."/". $get_real_file[2]."/".
            $get_real_file[3];
188         } else {
189             $real_file_with_path = $get_real_file[0]."/". $get_real_file[1]."/". $get_real_file[2];
190         }
191         $file = fopen(review_queue_directory.$_GET['newarticles'], "r");
192         $data = fread($file, filesize(review_queue_directory.$_GET['newarticles']));
193         $file_two = fopen(review_queue_directory.$_GET['newarticles'], "w+");
194         $file_two_data = fwrite($file_two, str_replace(brlcam_source, ".../", $data));
195         fclose($file_two);
196         fclose($file);
197         echo "<div><textarea rows = '25' cols = '100' readonly>";
198         echo htmlentities(shell_exec("diff -u -b ".brlcam_source.$real_file_with_path." ".
review_queue_directory.$_GET['newarticles']. " 2>&1"));
199         echo "</textarea>";
200         echo "<form action = '".home_url()."/wp-admin/admin.php?page=review_edit&newarticles=".$_GET['
newarticles']."'&dif=yes' method = 'post'>";
201         echo "<br><input type = 'submit' value = 'Accept'></form>";
202         echo "<form action = '".home_url()."/wp-admin/admin.php?page=review_edit&newarticles=".$_GET['
newarticles']."'&dif=no&detect = yes' method = 'post'>";
203         echo "<br><input type = 'submit' value = 'Discard'></form></div>";
204     }
205 }

```

#### 5.6.2.15 review\_edit ( )

This function used for review the changes which are done by user. This function also made the patches for changes and applied the patch on original file This function also provide interface to admin with admin see the all patches This function also hold the delete operations After patch applied the patch file automatically deleted and edit file also.

```

216 {
217     $get_real_file = explode("123", $_GET['newarticles']);
218     $length = sizeof($get_real_file);
219     $real_name = $get_real_file[$length-1];
220     if (array_search("man1", $get_real_file) OR array_search("man3", $get_real_file) OR array_search("man5"
, $get_real_file) OR array_search("mann", $get_real_file)) {
221         $real_file_with_path = $get_real_file[0]."/". $get_real_file[1]."/". $get_real_file[2]."/".
            $get_real_file[3];
222     } else {
223         $real_file_with_path = $get_real_file[0]."/". $get_real_file[1]."/". $get_real_file[2];
224     }
225     if ($_GET['dif'] == 'yes') {
226         if (array_search("man1", $get_real_file) OR array_search("man3", $get_real_file) OR array_search("
man5", $get_real_file) OR array_search("mann", $get_real_file)) {
227             shell_exec("diff -u -b ".brlcam_source.$real_file_with_path." ".
review_queue_directory.$_GET['newarticles']. "> " .brlcam_source.$get_real_file[0]."/
            "/. $get_real_file[1]."/". $get_real_file[2]."/".str_replace("xml", "patch", $real_name));
228             shell_exec("patch ".brlcam_source.$real_file_with_path." < " .
brlcam_source.str_replace("xml", "patch", $real_file_with_path)." ");
229             shell_exec("rm -r ".review_queue_directory.$_GET['newarticles']);
230             shell_exec("rm -r ".brlcam_source.str_replace("xml", "patch",
            $real_file_with_path));
231             echo "<div id = 'message' class = 'updated notice notice-success is-dismissible

```

```

        below-h2'><p>Changes has applied</p><button type = 'button' class = 'notice-dismiss'><span class =
        'screen-reader-text'>Dismiss this notice.</span></button></div>";
232     } else {
233         shell_exec("diff -u -b ".brlcad_source.$real_file_with_path." ".
        review_queue_directory.$_GET['newarticles']. "> " .brlcad_source.$get_real_file[0].
        "/" . $get_real_file[1]. "/" . $str_replace("xml", "patch", $real_name));
234         shell_exec("patch ".brlcad_source.$real_file_with_path." < ".
        brlcad_source.str_replace("xml", "patch", $real_file_with_path). " ");
235         shell_exec("rm -r ".review_queue_directory.$_GET['newarticles']);
236         shell_exec("rm -r ".brlcad_source.str_replace("xml", "patch",
        $real_file_with_path));
237         echo "<div id='message' class='updated notice notice-success is-dismissible
        below-h2'><p>Changes has applied</p><button type='button' class='notice-dismiss'><span class='screen-reader-text'>Dism
        this notice.</span></button></div>";
238     }
239     } elseif($_GET['dif'] == 'no') {
240         shell_exec("rm -r ".review_queue_directory.$_GET['newarticles']);
241         shell_exec("rm -r ".brlcad_source.str_replace("xml", "patch", $real_file_with_path));
242         echo "<div id = 'message' class = 'updated notice notice-success is-dismissible
        below-h2'><p>Changes has discarded</p><button type = 'button' class = 'notice-dismiss'><span class =
        'screen-reader-text'>Dismiss this notice.</span></button></div>";
243     } else {
244         echo "<table class = 'wp-list-table widefat fixed striped posts'>";
245         echo "<tr class = 'inline-edit-row inline-edit-row-post inline-edit-post quick-edit-row
        quick-edit-row-post inline-edit-post'><th>File name</th><th>Option</th></tr>";
246         $review_dir = scandir(review_queue_directory);
247         $edit_files_name = array();
248         $edit_files = array();
249         $count = 0;
250         foreach ($review_dir as $name) {
251             if (is_dir($name)) {
252             }
253             } else {
254                 $get_real_file = explode("123", $name);
255                 $length = sizeof($get_real_file);
256                 $real_name = $get_real_file[$length-1];
257                 if (array_search("man1", $get_real_file) OR array_search("man3", $get_real_file) OR
        array_search("man5", $get_real_file) OR array_search("mann", $get_real_file)) {
258                     $real_file_with_path = $get_real_file[0]. "/" . $get_real_file[1]. "/" . $get_real_file[2]
        ]. "/" . $get_real_file[3];
259                 } else {
260                     $real_file_with_path = $get_real_file[0]. "/" . $get_real_file[1]. "/" . $get_real_file[2]
        ];
261                 }
262                 $file = fopen(review_queue_directory.$name, "r");
263                 $data = fread($file, filesize(review_queue_directory.$name));
264                 $file_two = fopen(review_queue_directory.$name, "w+");
265                 $file_two_data = fwrite($file_two, str_replace(
        brlcad_source, ".../..", $data));
266                 fclose($file_two);
267                 fclose($file);
268                 echo "diff -u -b ".brlcad_source.$real_file_with_path." ".
        review_queue_directory.$name;
269                 if (strlen(shell_exec("diff -u -b ".brlcad_source.$real_file_with_path
        . " ".review_queue_directory.$name)) == "")
270                 {
271                     echo "ok";
272                     shell_exec("rm -r ".review_queue_directory.$name);
273                     } elseif (strlen(shell_exec("xmllint --xinclude --schema ".
        brlcad_source."resources/other/docbook-schema/xsd/docbook.xsd --noout --nonet ".
        review_queue_directory.$name." 2>&1")) > 100){
274                     shell_exec("rm -r ".review_queue_directory.$name);
275                     } else {
276                         $filename_of_original_file = explode("-", $name);
277                         $length = sizeof($filename_of_original_file);
278                         if (strpos($name, "xml")){
279                             $edit_files[$count] = $name;
280                             $count++;
281                         }
282                     }
283                 }
284             }
285         }
286         echo "</table>";
287         echo "<table class = 'wp-list-table widefat fixed striped posts'>";
288         if(isset($_GET['pv'])){
289             $pv = $_GET['pv']*10;
290             $pn = $pv + 10;
291         } else {
292             $pv = 0;
293             $pn = 10;
294         }
295         for($pv; $pv < $pn; $pv++){
296             if (isset($edit_files[$pv])){
297                 echo "<tr><td>".str_replace("123", "-", $edit_files[$pv])."</td><td><a href='".home_url()."
        /wp-admin/admin.php?page=review&newarticles=".$edit_files[$pv]."&dif=ok' class = 'button
        button-primary'>Review</a></td></tr>";

```

```

298     }
299 }
300 echo "</table>";
301 $pages = abs(sizeof($edit_files)/10);
302 echo "<table><tr>";
303 for ($i = 0; $i < $pages; $i++) {
304     echo "<td><a href = '".home_url()."/wp-admin/admin.php?page=review_edit&pv=". $i."&pn=". $i."'
class='button button-primary'>". $i."</a></td>";
305 }
306 echo "</tr></table>";
307 }
308
309 }

```

### 5.6.2.16 Review\_New\_Document ( )

This function used for review the new document this function show the all list of new document which document needed review

```

568 {
569     if ($_GET['delete']) {
570         echo "<div id = 'message' class = 'updated notice notice-success is-dismissible
below-h2'><p>Document successfully Delete </p>
571         <button type = 'button' class = 'notice-dismiss'><span class = 'screen-reader-text'>Dismiss this
notice.</span></button></div>";
572     }
573     if ($_GET['email']) {
574         echo "<div id = 'message' class = 'updated notice notice-success is-dismissible below-h2'><p>Mail
successfully Send to user </p>
575         <button type = 'button' class = 'notice-dismiss'><span class = 'screen-reader-text'>Dismiss this
notice.</span></button></div>";
576     }
577     echo "<table class = 'wp-list-table widefat fixed striped posts'>";
578     echo "<tr class = 'inline-edit-row inline-edit-row-post inline-edit-post quick-edit-row
quick-edit-row-post inline-edit-post'><th>File name
579     </th><th>Category</th><th>Language</th><th>Preview</th>
580     <th>Delete</th>
581     <th>Accept</th>
582     <th>Reject</th>
583     </tr>";
584     $language_directory = scandir(new_document_directory);
585     foreach ($language_directory as $files_directory) {
586         if ($files_directory == "." OR $files_directory == "..") {
587             } else {
588                 $extension = explode(".", $files_directory);
589                 if($extension[1] == "xml"){
590                     $user = explode("123", $files_directory);
591                     $length = sizeof($user);
592                     if("submit" == $user[0]){
593                         echo "<form action = '".plugins_url()."
/brlcad-docbook/edit.php?preview_other=preview&new_document=". $files_directory."' method = 'post'><tr><td>". $user[$length
594                         . "</td><td>". $user[3]. "</td><td><input type = 'submit' class = 'button button-primary' value =
'Preview'></td></form>
595                         <form action = '".plugins_url()."/brlcad-docbook/edit.php?delete=". $files_directory."
&admin=yes' method = 'post'><td><input type = 'submit' class = 'button button-primary' value =
'Delete'></td></form>
596                         <form action = '".home_url()."/wp-admin/admin.php?page=cmake&file=". $files_directory."'
method = 'post'><td><input type = 'submit' class = 'button button-primary' value = 'Accpet'></td></form>
597                         <form action = '".home_url()."/wp-admin/admin.php?page=reject&file=". $files_directory."'
method = 'post'><td><input type = 'submit' class = 'button button-primary' value = 'Reject'></td>
598                         </form></tr>";
599                         echo "</form>";
600                     }
601                 }
602             }
603     echo "</table>";
604 }

```

### 5.6.2.17 xml\_edit ( )

This function used for editing the file This function used for create the new file for editing

```

317 {
318     if (strlen($_GET['article']) > 2){
319         $filename = explode("/", $_GET['article']);

```

```

320     $length = sizeof($filename);
321     $file_according_category = $filename[$length-3]."/". $filename[$length-2]."/". $filename[$length-1];
322     $filename_in_xml = str_replace("php", "xml", $filename[$length-1]);
323     $editable_file = str_replace("/", "123", $file_according_category);
324     if (!$GET['detect']) {
325         if (array_search("man1", $filename) or array_search("man3", $filename) or array_search("
man5", $filename) or array_search("mann", $filename)) {
326             $editable_file = "system123".$editable_file;
327         }
328     }
329     $editable_file = str_replace("php", "xml", $editable_file);
330     if (file_exists(review_queue_directory.$GET['article'])) {
331         $original_file = explode("123", $editable_file);
332         for ($i = 1; $i < sizeof($original_file); $i++) {
333             $file_path = $file_path.$original_file[$i]."/";
334         }
335         $original_filename = str_replace("xml/", "xml", $file_path);
336         $file = fopen(review_queue_directory.$GET['article'], "r");
337         $data = fread($file, filesize(review_queue_directory.$GET['article']
));
338         $file_two = fopen(review_queue_directory.$GET['article'], "w+");
339         $file_two_data = fwrite($file_two, str_replace("../..",
brlcad_source, $data));
340         fclose($file);
341         fclose($file_two);
342     } else {
343         $original_file = explode("123", $editable_file);
344         for ($i = 0; $i < sizeof($original_file); $i++) {
345             $file_path = $file_path.$original_file[$i]."/";
346         }
347         $original_filename = str_replace("xml/", "xml", $file_path);
348         shell_exec("cp ".brlcad_source.$original_filename." ".
review_queue_directory.$editable_file);
349         $file = fopen(brlcad_source.$original_filename, "r");
350         $data = fread($file, filesize(brlcad_source.$original_filename));
351         $file_two = fopen(review_queue_directory.$editable_file, "w+");
352         $file_two_data = fwrite($file_two, str_replace("../..",
brlcad_source, $data));
353         fclose($file);
354         setcookie("filename", $editable_file, time()+(60*40));
355         setcookie("filenameexit", $GET['article'], time()+(60*40));
356         fclose($file_two);
357     }
358 }
359 if (strlen($GET['newarticles'])>2) {
360     if ($POST['submit']) {
361         submit_editing();
362     }
363     if ($POST['preview']) {
364         login_preview();
365     }
366 }
367 if (isset($GET['msg'])) {
368     echo "Thanks for contribution in our documents your changes is under review";
369 }
370 }

```

## 5.7 edit.php File Reference

### 5.7.1 Detailed Description

This file working as gateway between the editor and user document. This file provide the help to user to edit the file, preview the file. This file hold the some data which are contains in url of website with help of that the performe the action.

## 5.8 language.php File Reference

### Variables

- `$dir` = `glob(brlcad_source.$_POST['catname']./*, GLOB_ONLYDIR)`

### 5.8.1 Variable Documentation

5.8.1.1 `$dir = glob(brlcad_source.$_POST['catname']./*", GLOB_ONLYDIR)`

## 5.9 new\_document.php File Reference

### Classes

- class [MyPost](#)

### Variables

- `$wp_query` [is\\_home](#) = false
- `$wp_query` [is\\_single](#) = true
- `$wp_query` [queried\\_object](#) = new [MyPost](#)()

#### 5.9.1 Detailed Description

This file contains the code of editor which are used for editing the new documents This file contains the javascript code for firepad editor and php code for call back urls

#### 5.9.2 Variable Documentation

5.9.2.1 `$wp_query` [is\\_home](#) = false

5.9.2.2 `$wp_query` [is\\_single](#) = true

5.9.2.3 `$wp_query` [queried\\_object](#) = new [MyPost](#)()

## 5.10 search\_document2.php File Reference

### Classes

- class [MyPost](#)

### Variables

- `$wp_query` [is\\_home](#) = false
- `$wp_query` [is\\_single](#) = true
- `$wp_query` [queried\\_object](#) = new [MyPost](#)()
- [\\$document\\_folder](#) = array()
- global [\\$count](#)
- [if](#) (`$_POST['s']`)
- [if](#)(`$count=="ok"`) [else](#)

#### 5.10.1 Variable Documentation

5.10.1.1 global [\\$count](#)

5.10.1.2 [\\$document\\_folder](#) = array()

This code used for searching the document according to user needs using keywords in file name.

#### 5.10.1.3 if (\$count=="ok") else

##### Initial value:

```
{  
    echo "<h1>Nothing Found</h1>"
```

#### 5.10.1.4 if

##### Initial value:

```
{  
    $pv = 1
```

#### 5.10.1.5 \$wp\_query is\_home = false

#### 5.10.1.6 \$wp\_query is\_single = true

#### 5.10.1.7 \$wp\_query queried\_object = new MyPost()