Media Library Box Web Customization Guide



Or

How to Hack the Look and Feel of the Media Library Box

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Primary Web Pages

The Media Library Box has three primary Web pages:

Index.html

About.html

Statistics.html

These are located in the directory: LibraryBox/Content and are supplemented by files in the LibraryBox/Conent/css, LibraryBox/Content/img and LibraryBox/Content/locales folders

Header Graphics

There are two main header graphics. This is the top navigation bar graphic on the left side and the Welcome graphic. These are both located in the LibraryBox/Content/img folder. The top navigation bar graphic is generally a png file of 33x33 pixels in size or so. The exact size may vary as the aspect size may vary. However, the height should be around 33 pixels. The Welcome graphic is generally a png file of 60 x 60 pixels in size or so. Again the exact size may vary as the aspect ratio may vary. However, the height should be around 60 pixels or roughly twice the size of the top navigation bar graphic.

Folders – text, audio, video, apps, and all content

The primary menu folders for text, audio, video and applications are all located under the directory LibraryBox/Shared. Content that is loaded into these directories will be automatically shown in the directory listing when the top navigation element (text, audio, etc.) are selected. The All Content navigation selection provides a file directory listing of the LibraryBox/Shared directory showing the 4 main folders and any additional subfolders that you may create there (eg: LibraryBox/Shared/text, etc.). Please note that the top header menu is hard coded on the index.html, about.html and statistics.html pages. If you want to change the menu items or subsequent folders these changes must be done in all three html file. Additionally, any language translation changes must be followed in all of the localization files found under the LibraryBox/Contnet/locales directory. (additional information on localization to different languages can be found farther down this document.)

CSS Style Sheets

The main CSS style sheet will control the overall responsive design including the primary color scheme for the Menu, Header and Footer of the page as well as general background colors etc. Most of the changes needed to adapt the look and feel will be done in the LibraryBox/css/structures.css style sheet:

About Line 20: Top header color

About Line 28: Navigation bar text color

About Line 32: Navigation bar focus color (on mouse over)

About Line 33: Top header focus background color (on mouse over)

About Line 38: Title Text Color

About Line 42: Title Highlight Color

About Line 52: ---

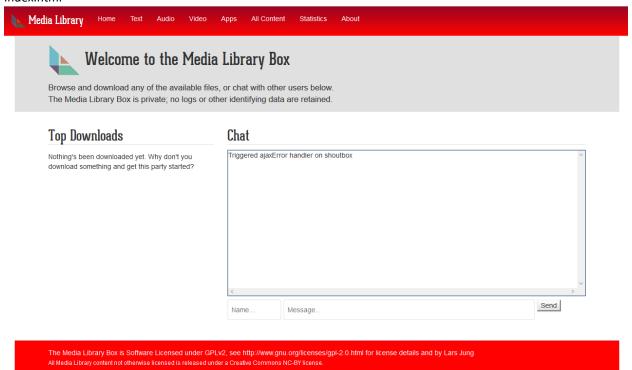
About Line 68: Shoutbox Message Color

About Line 98: ---

About Line 118: Welcome Area background Color

About Line 137 Bottom Footer Color

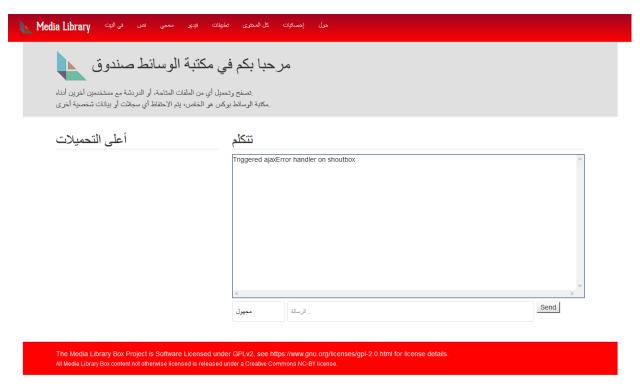
Index.html



Note that with the above image represents the default Media Library Box look and feel when no browser local (language preference) is matched. This is the base text in the HTML file with the style sheets applied.

Note that the About page and Statistics page will have the same Header/Footer as the Index page. However, the default text for the Header/Footer if changed must be changed in all three HTML files. Only the CSS style is the same between the files (eg: color, font, responsive design, etc.)

A note on language localization: These web pages use the Firefox L10n language localization implementation. This means that when a browser connects to the device, the Local is picked up by the web server from the attached browser. This Local is defined by ISO-639-1/2/3 coding as a preferred 2-character language code, or 3-character language code if 2 is insufficient, or possibly more as defined by ISO-639-2 and ISO-639-3. If there is a loaded 'locale' defined in the web server for the language code of the browser, a character string substitution on the HTML page will be done before it is served to the browser. This provides for the ability to localize the menu and text content of a page to different languages. An incompletely translated Arabic example of the same index page follows:



If the Local of the browser does not match any loaded 'local' definition for the web server it will return the default HTML page without any substitutions.

More discussion on configuration of locals will be done later in this guide.

INDEX.HTML Customization

The following INDEX.HTML line references provide a general idea of where changes need to take place to alter the look/feel of the base page.

About Line 7: Web browser tab title

About Line 24: Logo on the top left of the Navigation Bar & Title Text

About Line 26: Toggle Navigation Bar & Localization (for small screen navigation icon toggle)

About Line 34-41: Navigation Bar Text & Localization

About Line 55-57: Welcome Area Title, Text & Localization

About Line 63: Top Download Text & Localization

About Line 73: Chat Text & Localization

About Line 77: Chat Name & Localization

About Line 78: Chat Message & Localization

About Line 79: Chat Send Button & Localization

About Line 83-87: Shoutbox Options & Localization

About Line 98: Back to Top Footer Text (visible for small screens only) & Localization

About Line 99: Footer License Text & Localization

About Line 100: Footer License Other & Localization

STATS.HTML Customization

Stats.html shows the statistics for the Media Library Box. It is linked from the main menu bar as well as from the About.html page

About Line 6: Browser Tab Title

About Line 23: Navigation Bar Logo, Title text & Localization

About Line 25: Toggle Navigation & Localization

About Line 33-40 Navigation Bar Text & Localization

About Line 54: Welcome area Title, Graphic & Localization

About Line 61: User Counts & Localization

About Line 62: Visitor Counts & Localization

About Line 66: Content Downloads & Localization

About Line 67: Nothing Downloaded yet text & Localization

About Line 76: Back to Top Text & Localization (only display's on small screens)

About Line 77: Footer License Text & Localization

About Line 78: Footer License Other & Localization

ABOUT.HTML Customization

The about.html page is designed to provide additional information about the unit and organization behind it. It is broken down into multiple parts which include the Welcome area, the Top Header & Text area, the Middle Header & Text area and the Bottom Header & Text area.

Note: that when using localization, only single lines of text without HTML formatting can be used for the Header or Text areas defined above. This limits the look/design which one can do on this page and limits the type of base page format/layout that one uses in about.html

About Line 6: Browser Tab Title

About Line 22: Top Left Logo, Title Text & Localization

About Line 24: Navigation Bar Toggle & Localization

About Line 32-39: Navigation Bar Home Text & Localization

About Line 54: Welcome are Logo, header & Localization

About Line 55: Welcome area text & Localization

About Line 71: Top area Header Text & Localization

About Line 72: Top area Text & Localization

About Line 74: Middle area Header Text & Localization

About Line 75: Middle area Text & Localization

About Line 82: Bottom area Header Text & Localization

About Line 84: Bottom area Text & Localization

About Line 86: View & Download Visitor Statistics text & Localization

About Line 95: Back to Top Text & Localization (only visible on small screens)

About Line 96: Footer Common License Text & Localization

About Line 97: Footer Common License Other Text & Localization

A Sample of the About page for an organization may look like:



About Media Library

The Media Library Box is designed to enable the distribution of digital information to areas with little or no Internet access, even off the grid. It does so using open source software and very inexpensive hardware, allowing the distribution of digital information at a far lower cost than other solutions.

About OM

Transforming Lives and Communities

For over 50 years, Operation Mobilization (OM) has been bringing the message of hope through Jesus Christ to men, women, and children around the world. Though we have over 3,400 volunteers and staff serving with OM in 118 nations, we have one thing in common — we love Jesus and we want others to have the opportunity to hear about Him

Through Bible studies, teaching students, building businesses, relief and development work, the creative arts and much, much more — by all means possible, we partner with the local church to tell people how our lives have been changed and how they too can meet Jesus!

We are a collective of 3,400 people who don't fit a mold, who don't sit still, and who love the adventure of serving Jesus. We live in the remote comers of the world and the city-centers. We feed the hungry and heal the sick.

Mission Statement

OM exists to see multiplying fellowships of Christ-followers established among the unreached and forgotten

OM's role in the body of Christ is to motivate, develop and equip people for world evangelization, and to strengthen and help establish communities of Christ-followers, especially among the unreached in the Middle East, South and Central Asia and Europe.

We do this thorugh Evagelism, Relief & Development, Church Planting, Justice and through Mentoring & Discipleship

Doctrinal Statment

We believe that there is one God, eternally existent in three persons, Father, Son and Holy Spirit

We believe in the absolute deity and full humanity of our Lord Jesus Christ. We believe in His virgin birth, His sinless life, the authenticity of His miracles, His vicarious and atoning death, His bodily resurrection and His present mediatorial work in heaven.

We believe in the personality and deity of the Holy Spirit. We believe He gives life, He sanctifies, He empowers and comforts all believers.

We believe that the Scriptures, both the Old and New Testaments in their original texts, are fully inspired by the Holy Spirit, without error, and are the final authority for the Church.

We believe that man was originally created sinless. Tempted by Satan, man fell and thereby brought the whole race under the condemnation of eternal separation from God.

We believe that man is saved through repentance and faith in the finished work of Christ. Justification is through grace alone.

We believe that the Church is the body of Jesus Christ composed of all true believers. The present work of the Church is the worship of God, the perfecting of the saints and the evangelization of the world.

We believe in the personal and bodily return of the Lord Jesus Christ to consummate our salvation and establish His glorious Kingdom.

View download and visitor statistics

The Media Library Box is Software Licensed under GPLv2, see http://www.gnu.org/licenses/gpl-2.0.html for license details and by Lars Jung

Localization – Supporting Multiple Languages

Language localization of the Media Library Box is done through code from the Firefox L10n initiative. It uses specific java script to replace HTML segments of text within a page before it is served to the user's browser. The specific language detection uses the Local setting of the user's browser to receive the ISO-639-1 language code (or alternately ISO-632-2 or ISO-639-3 if the language is not specified in the earlier ISO specification). It preferentially uses 2-character language codes (alternately 3 or more-character language codes or regionalization's). If the

received browser language code does not match any defined loaded web server localization file, then the base HTML file is served. If, however, the language code does match a defined loaded web server localization file then the text in the localization file will be replaced in the HTML file before sending it to the user's browser.

Localization files are stored in the LibraryBox/Content/locales directory:

Name	Date modified	Туре	Size
data.de.properties	1/6/2016 11:41 AM	PROPERTIES File	6 KB
data.en.properties	1/6/2016 11:23 AM	PROPERTIES File	6 KB
data.es.properties	1/6/2016 11:41 AM	PROPERTIES File	6 KB
data.fr.properties	1/2/2016 6:17 PM	PROPERTIES File	6 KB
data.he.properties	1/2/2016 6:17 PM	PROPERTIES File	7 KB
data.hr.properties	1/2/2016 7:05 PM	PROPERTIES File	6 KB
data.id.properties	1/2/2016 6:19 PM	PROPERTIES File	6 KB
data.it.properties	1/2/2016 6:19 PM	PROPERTIES File	6 KB
data.ko.properties	1/2/2016 6:50 PM	PROPERTIES File	7 KB
data.nl.properties	1/6/2016 11:30 AM	PROPERTIES File	6 KB
data.no.properties	1/6/2016 11:30 AM	PROPERTIES File	6 KB
data.pt-br.properties	1/6/2016 11:30 AM	PROPERTIES File	6 KB
data.sv.properties	1/2/2016 6:23 PM	PROPERTIES File	6 KB
data.sw.properties	1/2/2016 7:17 PM	PROPERTIES File	5 KB
data.zh-cn.properties	1/2/2016 6:27 PM	PROPERTIES File	5 KB
data.zh-tw.properties	1/2/2016 6:28 PM	PROPERTIES File	5 KB
locales.ini		Configuration sett	1 KB

Note that the locale file names are defined by data.(language code).properties and each language file contains a list of substitution variable names followed by the defined string of data to use in the HTML substitution.

The locales.ini file is used by the web server to initialize all of the available local files for each of the languages that it will recognize as available:

```
- [en]
 @import url (data.en.properties)
LF
- [fr] 📭
 @import url(data.fr.properties)
LF
[sw] 
 @import url(data.sw.properties IF
LF
- [no] IF
 @import url(data.no.properties)
LE
🖵 [ko] 🍱
 @import url(data.ko.properties)
LE
- [de] III
 @import url(data.de.properties)
- [it] 📭
 @import url(data.it.properties)
LF
- [sv] 📭
 @import url(data.sv.properties)
LF
- [es] III
 @import url(data.es.properties)
 LF
```

Note that the locales.ini file references the language in square brackets followed by the import request for the specific local data file defining the variables & strings for substitution followed by a new line. If new local data files are added they must also be added to the locales.ini file to be loaded by the web server.

The specific local data files for each language are broken down into multiple sections for ease of editing:

Language Identification comment

The common navigation bar and footer variables & text substitutions

The index page variables and text substitutions

The about page variables and text substitutions

The stats page variables and text substitutions

The base directory listing (index) variables and text substitutions

Note that each local data file must contain all of the required variables and text substitutions otherwise the L10n HTML text editing will be incomplete and the original HTML page content will be served.

Note that text substitutions must be contained on a single line without any HTML formatting embedded. This limits the ability to alter the look and formatting but is part of the L10n requirements.

A sample English local data file

English translation

vim: ft=jproperties

commonNavbarToggle = Toggle navigation

commonNavbarHome = Home

commonNavbarText = Text

commonNavbarAudio = Audio

commonNavbarVideo = Video

commonNavbarApps = Apps

commonNavbarAll = All Content

commonNavbarStats = Statistics

commonNavbarAbout = About

commonFooterBackToTop = Back to top

commonFooterLicenceMain = The Media Library Box is Software Licensed under GPLv2, see https://www.gnu.org/licenses/gpl-2.0.html for license details and by Lars Jung.

commonFooterLicenceOther = All Media Library content not otherwise licensed is released under a Creative Commons NC-BY license.

commonFilestopNothingDownloaded = Nothing has been downloaded yet

indexContentWelcome = Welcome to the Theological Media Library Box

indexContentWelcomeDescription = Browse and download any of the available files, or chat with other users below

indexContentWelcomePrivate = This Media Library is specifically designed for Bibilical Training

indexFilestopTop = Top Downloads

indexChatChat = Chat

indexChatSend = Send

indexChatName.placeholder = Alias

indexChatName.value = Anonymous

indexChatMessage.placeholder = Message...

indexShoutboxDefault = Default

indexShoutboxBlue = Blue

indexShoutboxGreen = Green

indexShoutboxOrange = Orange

indexShoutboxRed = Red

aboutWelcomeAboutLibrarybox = About Media Library Box

aboutWelcomeDescription = The Media Library Box is designed to enable the distribution of digital information to areas with little or no Internet access, even off the grid. It does so using open source software and very inexpensive hardware, allowing the distribution of digital information at a far lower cost than other solutions.

aboutFilesTopHeader = About OM

aboutFilesTopText = Transforming Lives and Communities -- For over 50 years, Operation Mobilization (OM) has been bringing the message of hope through Jesus Christ to men, women, and children around the world. Though we have over 3,400 volunteers and staff serving with OM in 118 nations, we have one thing in common — we love Jesus and we want others to have the opportunity to hear about Him. Through Bible studies, teaching students, building businesses, relief and development work, the creative arts and much, much more — by all means possible, we partner with the local church to tell people how our lives have been changed and how they too can meet Jesus! We are a collective of 3,400 people who don't fit a mold, who don't sit still, and who love the adventure of serving Jesus. We live in the remote corners of the world and the city-centers. We feed the hungry and heal the sick.

aboutFilesMiddleHeader = Mission Statement

aboutFilesMiddleText = OM exists to see multiplying fellowships of Christ-followers established among the unreached and forgotten. OM's role in the body of Christ is to motivate, develop and equip people for world evangelization, and to strengthen and help establish communities of Christ-followers, especially among the unreached in the Middle East, South and Central Asia and Europe. We do this through Evagelism, Relief & Development, Church Planting, Justice and through Mentoring & Discipleship

aboutFilesBottomHeader = Doctrinal Statment

aboutFilesBottomText = We believe that there is one God, eternally existent in three persons, Father, Son and Holy Spirit. We believe in the absolute deity and full humanity of our Lord Jesus Christ. We believe in His virgin birth, His sinless life, the authenticity of His miracles, His vicarious and atoning death, His bodily resurrection and His present mediatorial work in heaven. We believe in the personality and deity of the Holy Spirit. We believe He gives life, He sanctifies, He empowers and comforts all believers. We believe that the Scriptures, both the Old and New Testaments in their original texts, are fully inspired by the Holy Spirit, without error, and are the final authority for the Church. We believe that man was originally created sinless. Tempted by Satan, man fell and thereby brought the whole race under the condemnation of eternal separation from God. We believe that man is saved through repentance and faith in the finished work of Christ. Justification is through grace alone. We believe that the Church is the body of Jesus Christ composed of all true believers. The present work of the Church is the worship of God, the perfecting of the saints and the evangelization of the world. We believe in the personal and bodily return of the Lord Jesus Christ to consummate our salvation and establish His glorious Kingdom.

aboutFilesTopView = View download and visitor statistics

```
statsWelcomeDownloads = Media Library Downloads
statsWelcomeDescription = Below are download statistics and visitor counts for this Media Library Box.
statsFilesTopUserCounts = Visitor Counts
statsFilesTopNoVisitor = No visitors yet. This probably means you haven't set the time/date on Media Library Box.
statsFilesTopDownloads = Content Downloads
statsVisitors = Visitors:
statsDownloads = Downloads:

filedirIndex = Index of /
filedirName = Name
filedirSize = Size
filedirType = Type
filedirDownloads = Downloads
filedirDownloads = Downloads
filedirParDir = Parent Directory
```

A Sample Spanish local data file

```
# Spanish translation

# vim: ft=jproperties

commonNavbarToggle = Cambiar navegación

commonNavbarHome = Inicio

commonNavbarText = Texto

commonNavbarAudio = Audio

commonNavbarVideo = Vídeo

commonNavbarApps = Apps

commonNavbarAll = Todo el Contenido

commonNavbarStats = Estadísticas

commonNavbarAbout = Sobre Media Library Box
```

commonFooterBackToTop = Regresar

commonFooterLicenceMain = El proyecto Media Library Box es un software creado bajo la licencia GPLv2, para obtener más información consulte https://www.gnu.org/licenses/gpl-2.0.html.

commonFooterLicenceOther = Todo el contenido de Media Library Box está disponible bajo licencia Creative Commons NC-BY.

commonFilestopNothingDownloaded =

indexContentWelcome = Bienvenido a la biblioteca de medios de verificación teológica

indexContentWelcomeDescription = Navegar y bajar contenido disponible, o chatear con los usuarios identificados abajo.

indexContentWelcomePrivate = Esta biblioteca multimedia está diseñado específicamente para la formación Bibilical

indexFilestopTop = Lo Más Descargado

indexChatChat = Chat

indexChatSend = Enviar

indexChatName.placeholder = Alias

indexChatName.value = Anónimo

indexChatMessage.placeholder = Enviar Mensaje...

indexShoutboxDefault = Predeterminado

indexShoutboxBlue = Azul

indexShoutboxGreen = Verde

indexShoutboxOrange = Naranja

indexShoutboxRed = Rojo

aboutWelcomeAboutLibrarybox = Sobre Media Library Box

aboutWelcomeDescription = Media Library Box está diseñado para distribuir información digital a los lugares sin acceso al Internet, aún lugares fuera de la red. Se usa un software abierto y un hardware de bajo costo y permite la difusión de información a un bajo costo.

aboutFilesTopHeader = Sobre OM

aboutFilesTopText = Transformar vidas y comunidades -- durante más de 50 años, Operación Movilización (OM) ha estado llevando el mensaje de esperanza a través de Jesucristo a los hombres, mujeres y niños en todo el mundo. Aunque tenemos más de 3.400 voluntarios y personal que presta servicios con OM en 118 países, tenemos una cosa en común: amamos a Jesús y queremos que otros tengan la oportunidad de oír hablar de él. -- a través de estudios bíblicos, enseñando a estudiantes, empresas de construcción, de socorro y de desarrollo, las artes creativas y mucho, mucho más, por todos los medios posibles, nos asociamos con la iglesia local para decirle a la

gente cómo nuestras vidas han cambiado y cómo se pueden encontrar a Jesús! -- Somos un colectivo de 3.400 personas que no quepan en un molde, que no puede estarse quieto, y que aman la aventura de servir a Jesús. Vivimos en los rincones más remotos del mundo y los centros urbanos. Podemos alimentar al hambriento y sanar a los enfermos.

aboutFilesMiddleHeader = Declaración de misión

aboutFilesMiddleText = OM existe para ver multiplicarse becas-seguidores de Cristo establecido entre los marginados y olvidados. -- OM su papel en el cuerpo de Cristo es motivar, desarrollar y equipar a la gente para la evangelización mundial, y fortalecer y ayudar a establecer comunidades de seguidores de Cristo, especialmente entre los no alcanzados en el Oriente Medio, Asia central y meridional y Europa. -- Lo hacemos a través de Evagelism, Socorro & Discipulado -- Un plantación de iglesias, desarrollo y justicia a través de la Tutoría & Discipulado --

aboutFilesBottomHeader = Declaracion doctrinal

aboutFilesBottomText = Creemos que hay un solo Dios, eternamente existente en tres personas, Padre, Hijo y Espíritu Santo. -- Creemos en la deidad absoluta y plena humanidad de nuestro Señor Jesucristo. Creemos en su nacimiento virginal, su vida sin pecado, la autenticidad de sus milagros, Su muerte expiatoria, su resurrección corporal y su presente trabajo mediatorial en el cielo. -- Creemos en la personalidad y deidad del Espíritu Santo. Creemos que da vida, santifica, faculta y comodidades a todos los creyentes. -- Creemos que las Escrituras, tanto el Antiguo como el Nuevo Testamento en su texto original, son totalmente inspirada por el Espíritu Santo, sin error y tiene la autoridad final para la Iglesia. -- Creemos que el hombre fue creado originalmente sin pecado. Tentado por Satanás, el hombre cayó y, por ende, puso toda la carrera bajo la condena de la separación eterna de Dios. -- Creemos que el hombre se salva a través del arrepentimiento y fe en la obra terminada de Cristo. La justificación es a través de la sola gracia. -- Creemos que la Iglesia es el cuerpo de Cristo compuesto de todos los verdaderos creyentes. La labor actual de la Iglesia es la adoración de Dios, el perfeccionamiento de los santos y la evangelización del mundo. -- Creemos en el regreso personal y corporal del Señor Jesucristo para consumar nuestra salvación y establecer su glorioso reino.

br>

aboutFilesTopView = Benutzer und Download Statistiken ansehen

statsWelcomeDownloads = Descargas de Media Library Box

statsWelcomeDescription = Estadísticas de descargas y recuento de usuarios para este dispositivo se muestran abajo.

statsFilesTopUserCounts = Recuento de usuarios

statsFilesTopNoVisitor = Todavía no se han registrado visitantes. Esto probablemente significa que usted no ha ajustado la fecha / hora del Media Library Box.

statsFilesTopDownloads = Descargas

statsVisitors = Visitantes:

statsDownloads = Descargas:

filedirIndex = Índice /

filedirName = Nombre

filedirSize = Tamaño

filedirType = Tipo

filedirDownloads = Descargas

filedirParDir = Directory Principal

It is important that the file format be in UTF-8 encoding. Be sure that your editor can support this.

Presently definition files for locals

English en

Arabic ar

German de

Spanish es

Farsi fa

French fr

Hebrew he

Croatian hr

Indonesian id

Italian it

Korean ko

Kurdish ku

Dutch nl

Norwegian no

Dari prs

Pashto ps

Portugueses (Brasil) pt-br

Swedish sv

Kiswahili sw

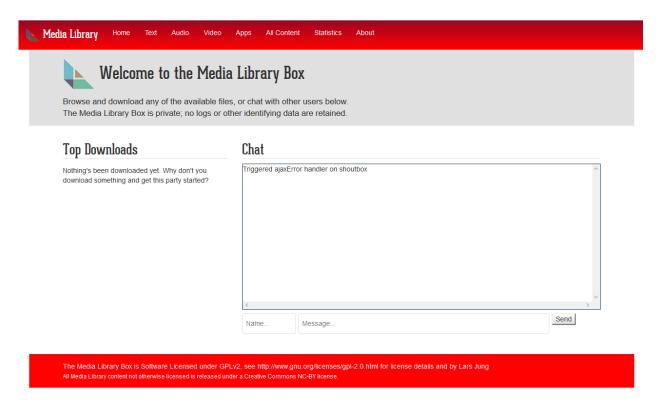
Simplified Chinese zh-cn

Taiwanese Chinese zh-tw

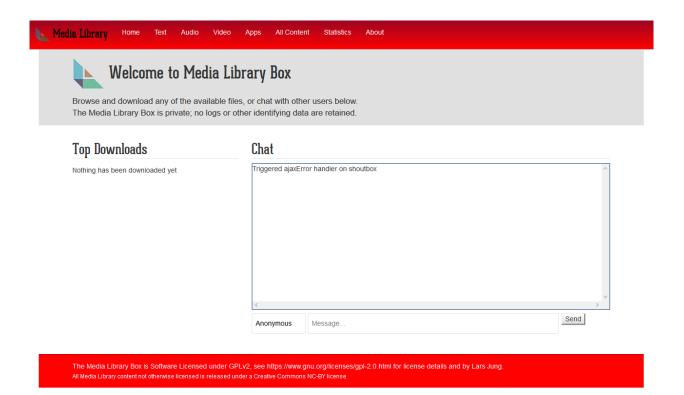
Note that it is up to the user/editor to ensure that the translations in each of the local files is accurate and appropriate and include any page textual changes made. Not all translations of the local files has been accurately checked.

Checking of locals can be simplified by using a browser plugin to alter the browser reported local. For Firefox one example is "Quick Accept-Language Switcher"

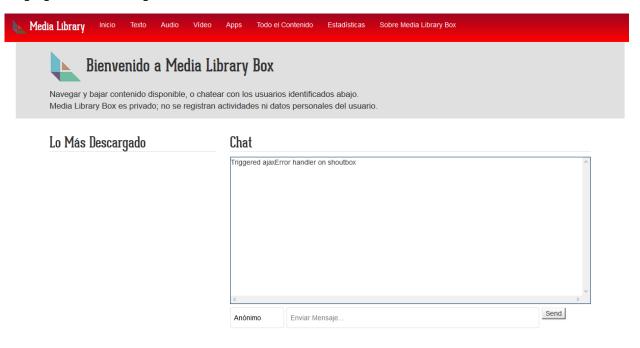
Sample Index Pages based on Locale



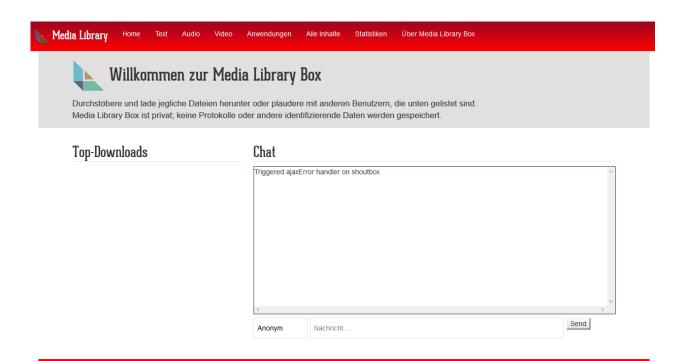
No Language Match – base HTML



Language match 'en' - English



El proyecto Media Library Box es un software creado bajo la licencia GPLv2, para obtener más información consulte https://www.gnu.org/licenses/gpl-2.0.html. Todo el contenido de Media Library Box está disponible bajo licencia Creative Commons NC-BY.



Das Media Library Box Projekt Programm ist lizensiert unter GPLv2, siehe https://www.gnu.org/licenses/gpl-2.0 html für Lizenz Details

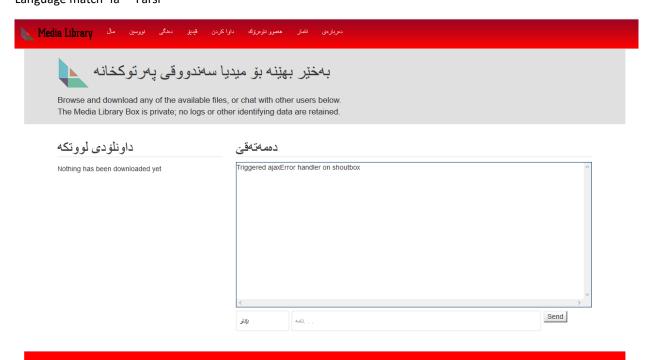
Language match 'de' - German



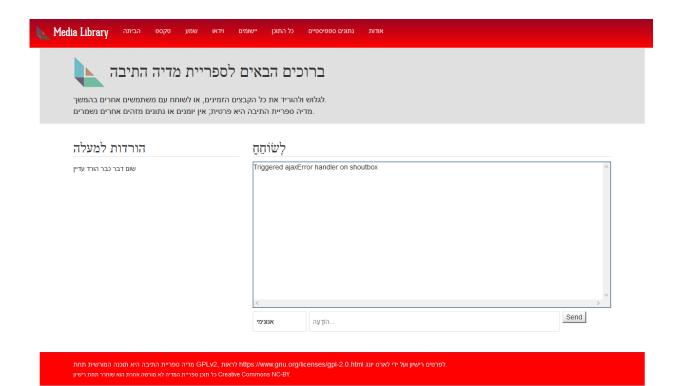
Language Match 'ar' - Arabic



Language match 'fa' – Farsi



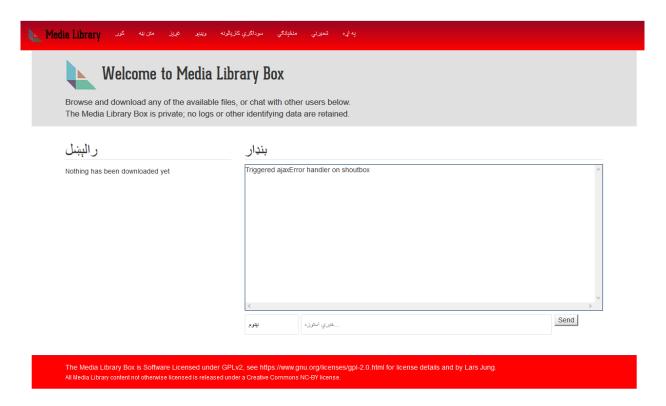
The Media Library Box is Software Licensed under GPLv2, see https://www.gnu.org/licenses/gpl-2.0.html for license details and by Lars Jung. All Media Library content not otherwise licensed is released under a Creative Commons NC-BY license.



Language match 'he' – Hebrew



Language Match 'ko' - Korean



Language Match 'ps' - Pashto

Please note the incomplete translation of some of the text contents. This should be corrected.