

Ratsupport Database App Administrator



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Discussion

- The Administrators work may never be done. There are actually two Admin Users.
- The Administrator users with the Admin Group (Permissions)
- This and all aspects are configured by The Administrator and depending on the settings an Admin user can also make the same changes.
- This presentation will try to help administrators get all the setting correct for proper operation of the application and give the permissions to users as necessary.
- The Administrator is setup during the initial setup of the application and admin users are controlled by The Administrator.

More Discussion

- This presentation will cover the most important aspects of being The Administrator but not all can be covered here.
- It does take some thought for The Administrator to properly setup the Group's and Permissions and the install and configure the plugins (not covered in this presentation).

The Initial Setup

- The Initial setup is where the application and the MySQL or MariaDB is made and the initial database must be configured first.
- Database Name, Host Name (Server Name), User Name and Secure Password should be created before trying to connect to the actual database.
- Information on how to configure the database is not covered in this presentation and will be provided to those who do not know the process. It all depends on the Platform and Server being used for these instructions.
- The Application Files need to be installed on the server in the users chosen directory and file permissions need to be set to 777 for proper operation of the application.

Making the Connection 1

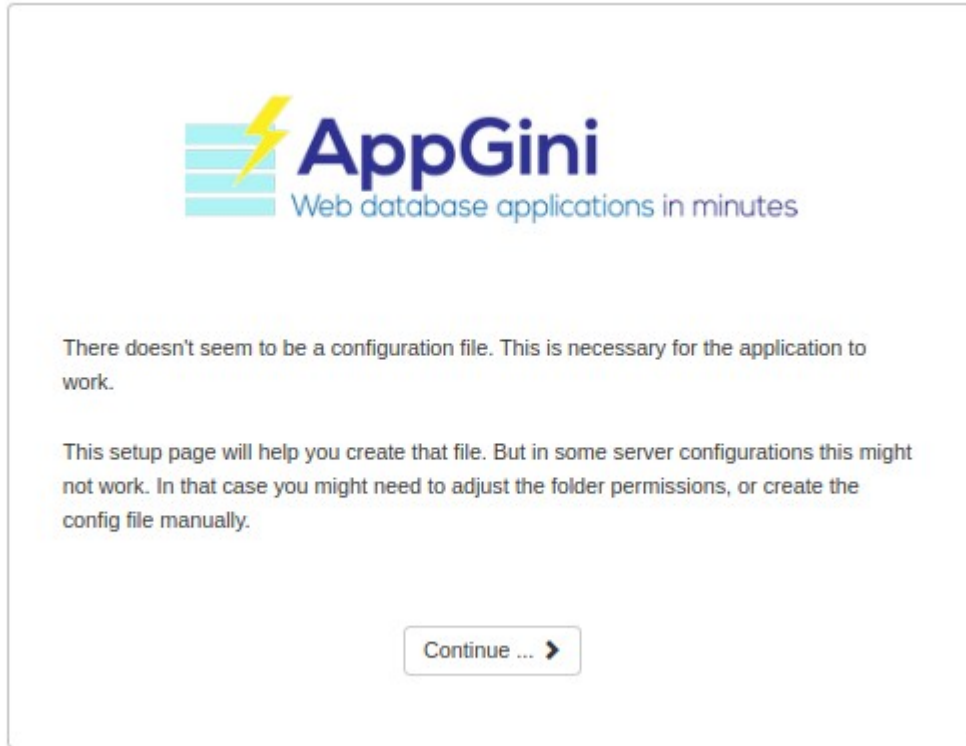


Please enter the characters you see in the image

Submit

When The Administrator first puts the URL into their browser for the Application they should see a security check and The Administrator needs to enter the image characters and click the Submit button.

Making the Connection 2



The next image the web page should show is this one. Telling The Administrator there is no configuration file.

There are times when the config file is not correct for the application or it's location and will need to be deleted from the server and then the process can start again.

This initial process creates the config file.

Click the Continue button.

Making the Connection 3

Setup Data

Database Information

MySQL server (host)	<input type="text" value="localhost"/>	
Database name	<input type="text" value="Database name"/>	
MySQL Username	<input type="text" value="MySQL Username"/>	
MySQL password	<input type="text" value="MySQL password"/>	
MySQL port	<input type="text" value="3306"/>	

Admin Information

Username	<input type="text" value="Username"/>	
Email Address	<input type="text" value="Email Address"/>	

Password	<input type="text" value="Password"/>		Confirm Password	<input type="text" value="Confirm Password"/>
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Submit

The Administrator needs to complete the insertion of the proper information for the Server and the Database.

The next slide will show what it looks like if the proper information is entered.

The Host is not always “localhost” so you need to check with the specific installation for the Host Name.

Making the Connection 4

Setup Data

Database Information

MySQL server (host)	<input type="text" value="localhost"/>	
Database name	<input type="text" value="humor"/>	
MySQL Username	<input type="text" value="humorDBUser"/>	
MySQL password	<input type="password" value="*****"/>	
MySQL port	<input type="text" value="3306"/>	

✓ Database info is correct!



Admin Information

Username	<input type="text" value="Username"/>	
Email Address	<input type="text" value="Email Address"/>	

Password

Confirm Password

✓ Submit

If the correct information is entered a green area will display the words “Database Info is Correct”

Now all The Administrator has to do is assign a username for their self and enter an email address and Secure Password.

Make sure you use a very secure password as this login allows changes to the configuration of the Application.

Hit the Submit button and the initial connection will be made and the config file created. The Administrator should be sent to the Home Page of the Application.

Application Home Page

Home Humor Import CSV data Admin Area

Humor Database

by Ratsupport.com

This database was created to allow users laugh and have fun.

IMPORTANT !! If you Signed In then Please Sign Out after completing data entry.

This is a demonstration database to show the use and versatility of this type application. Please don't get offended by entries in this database as all p contact us or close the browser page.

Main Tables

Cartoons 2 +
Table holds Cartoons

Jokes 2 +
Jokes for database

Go to Ratsupport Develop Home Page
You can Go to the Ratsupport Development Home Page

Go to Ratsupport Develop Applications P...
You can Go to the Ratsupport Development Applications Page

With the application up and running we get to the Home Page.

Please note that when Signed In as an Admin User the Red Admin Area button is at the top of the page.

Membership Management Page

The screenshot shows the Membership Management Homepage with several key features and annotations:

- Navigation Bar:** Includes 'Admin Area', 'Groups', 'Members', 'Utilities', and 'Plugins' menus. A 'User's area' and 'Sign Out' button are on the right.
- Warning Message:** A light blue box at the top states: "You have data in one or more tables that doesn't have an owner. To assign an owner group for this data, [click here](#)." An arrow points from this message to the 'Members' menu item.
- Membership Management Homepage:** The main content area is divided into several sections:
 - Newest Updates:** A list of recent updates with timestamps and titles.
 - Newest Entries:** A list of recent entries with timestamps and titles.
 - Top Members:** A list of top members with their names and record counts.
 - Members Stats:** A summary of membership statistics.
 - Posts from @bigprof:** A section for posts from a specific user, currently showing "Nothing to see here - yet".
- Annotations:** Blue arrows point from the 'Members' menu item to the 'Newest Updates' and 'Newest Entries' sections. Another arrow points from the 'Nothing to see here - yet' message back to the 'Members' menu item.

This page as a couple of uses.

The Administrator can assign an owner to records that don't have an owner.

The Top Members are shown and latest updates and entries are here along with a Member Status Window that shows member info.

See the menu above for more actions. The Group and Member setup is next.

Administration Menu

The screenshot shows the 'Administration Menu' in a web application. The 'Utilities' menu is open, displaying various options. The background shows the 'Members' page with a table of users and a search bar.

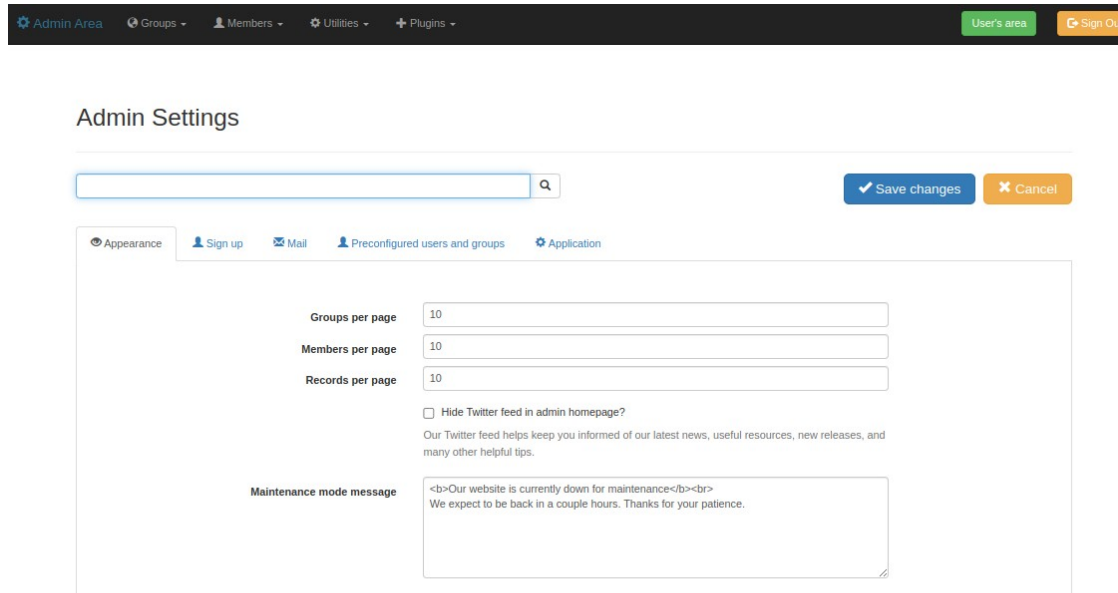
Username	Group	Sign
1405girl@gmail.com	Contributor	07/3
admin	Admins	07/3
dick charles	Admins	07/3
guest	anonymous	07/3
needle5@cw.com	Contributor	07/3
richard c anderson	Contributor	07/3

Full Name	Address	City	State	Status
Veda Louise Sorling	1995 Preservation Oaks Dr.	Chico	CA, 95928	Active
Richard Charles Anderson	333 B Ridgecrest Pkwy	Oroville	CA, 95966	Active
Richard Charles Anderson	333 B Ridgecrest Pkwy	Oroville	CA, 95966	Active
Elden Lewis	2725 25th Street	Sacramento	CA, 95819	Active
Richard Charles Anderson	333 B Ridgecrest Pkwy	Oroville	CA, 95966	Active

One of the first places The Administrator needs to go is to the Admin Settings page for setting up the Mail Server settings and Sign Up settings.

Another useful menu selection is the View/Rebuild Fields menu selection. This is where The Administrator will reconfigure the Database for new changes to the application.

Admin Settings 1



Admin Settings

Search

Save changes Cancel

Appearance Sign up Mail Preconfigured users and groups Application

Groups per page 10

Members per page 10

Records per page 10

Hide Twitter feed in admin homepage?
Our Twitter feed helps keep you informed of our latest news, useful resources, new releases, and many other helpful tips.

Maintenance mode message
Our website is currently down for maintenance
We expect to be back in a couple hours. Thanks for your patience.

When The Administrator selects menu selection Admin Settings then they can configure the Appearance, Sign Up, Mail, Preconfigured users and groups along with some Application settings.

The most important are the Sign Up and the Mail Settings.

Admin Settings 2 (Sign Up)

The screenshot shows the 'Admin Settings' page with the 'Sign up' tab selected. The page includes a search bar, 'Save changes' and 'Cancel' buttons, and a navigation menu with 'Appearance', 'Sign up', 'Mail', 'Preconfigured users and groups', and 'Application'. The 'Sign up' section contains the following settings:

- Admin notifications:** Radio buttons for 'No email notifications to admin.' (selected), 'Notify admin only when a new member is waiting for approval.', and 'Notify admin for all new sign-ups.'
- Default sign-up mode for new groups:** Radio buttons for 'No sign-up allowed. Only the admin can add members.', 'Sign-up allowed, but the admin must approve members.' (selected), and 'Sign-up allowed, and automatically approve members.'
- Members custom field 1:** Text input field with 'Full Name' placeholder.
- Members custom field 2:** Text input field with 'Address' placeholder.
- Members custom field 3:** Text input field with 'City' placeholder.
- Members custom field 4:** Text input field with 'State' placeholder.
- Member approval email subject:** Text input field with 'Your membership is now approved' placeholder.
- Member approval email message:** Text area with a pre-filled message: 'Dear member, Your membership is now approved by the admin. You can log in to your account here: http://ratsupport.asuscomm.com/applications/humor/appCode Regards,'.

The Administrator can configure the Notifications, The Default sign-up mode for new groups and the text for messages sent to users after sign up.

Admin Settings 3 (Mail)

The screenshot shows the 'Admin Settings' interface. At the top, there is a navigation bar with 'Admin Area', 'Groups', 'Members', 'Utilities', and 'Plugins'. On the right, there are 'User's area' and 'Sign Out' buttons. Below the navigation bar, the 'Admin Settings' title is followed by a search bar and 'Save changes' and 'Cancel' buttons. The 'Mail' tab is selected, showing configuration options for email sending. The 'Sender email' field is set to 'support@ratsupport.com'. The 'Sender name' field is set to 'Membership management'. The 'Method of sending emails' is set to 'PHP mail()'. The 'SMTP encryption' is set to 'None'. The 'SMTP port' is set to '25'. The 'SMTP username' and 'SMTP password' fields are empty.

Admin Settings

Appearance Sign up Mail Preconfigured users and groups Application

Sender email: support@ratsupport.com
Sender name and email are used in the 'To' field when sending email messages to groups or members.

Sender name: Membership management

Method of sending emails: PHP mail() SMTP

SMTP server: [Empty field]

SMTP encryption: None SSL TLS

SMTP port: 25
Typical values are 25 (for non-encrypted SMTP), 465 (used in many cases with SSL encryption) or 587 (typical with TLS encryption)

SMTP username: [Empty field]

SMTP password: [Empty field]

The Administrator can configure how the Email System works. Most new Web Servers may not allow PHP mail (), so it is recommended you choose the SMTP mode and configure the proper info supplied by your email provider.

This configuration totally depends on the Email provider you are using and will not be covered here.

Setup Groups 1

Groups + Add Group

Search groups Find Reset

Group	Description	Members count	
anonymous	Anonymous group created automatically on 2024-07-29	1	
Admins	Admin group created automatically on 2024-07-29	2	
Contributor	Contributors can view all and can enter, edit and delete their own records	3	
Supervisor	Supervisors can enter, view, edit and delete all records that are not Admin Records	0	

Displaying groups 1 to 4 of 4

Key:

- Edit group details and permissions.
- Delete group.
- Add a new member to group.
- View all data records entered by the group's members.
- List all members of a group.
- Send an email message to all members of a group.

This is the result of hitting the View Groups menu selection.

The Administrator can control the Groups and Permissions for each Group here.

The Administrator can control if Importing CSV files will be allowed and how visitors are allowed to see, sign up with admin permission or just sign up to the application.

Check the Key for the meaning of each icon.

Setup Groups 2

Table permissions for this group

Copy permissions from another group
Select group

Table	Insert	View	Edit	Delete
Cartoons	<input checked="" type="checkbox"/>	<input type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input checked="" type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All
Jokes	<input checked="" type="checkbox"/>	<input type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input checked="" type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All
Riddles	<input checked="" type="checkbox"/>	<input type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input checked="" type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All
Application Revision	<input type="checkbox"/>	<input type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input checked="" type="radio"/> All	<input checked="" type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All	<input checked="" type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All
Answers	<input checked="" type="checkbox"/>	<input type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input checked="" type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All
Classes	<input checked="" type="checkbox"/>	<input type="radio"/> No <input type="radio"/> Owner <input type="radio"/> Group <input checked="" type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All	<input type="radio"/> No <input checked="" type="radio"/> Owner <input type="radio"/> Group <input type="radio"/> All

By selecting one Group The Administrator can configure that Group and its permissions.

The permissions for each table are Insert, View, Edit and Delete.

For Each action there are 4 permissions, No, Owner, Group and All.

No means the users of this group have no access to this table, The Owner means the user view to only the records they created and Group allows the members of a Group to view the records and All allows all members of the application to view the records in this Table.

Setup Members



Members

[+ Add New Member](#)

Username	Group	Sign up date	Email Address	Full Name	Address	City	State	Status	
1405girl@gmail.com	Contributor	07/31/2024	1405girl@gmail.com	Veda Louise Sorling	1995 Preservation Oaks Dr.	Chico	CA, 95928	Active	
admin	Admins	07/31/2024	support@ratsupport.com	Richard Charles Anderson	333 B Ridgecrest Pkwy	Oroville	CA, 95966	Active	
dick charles	Admins	07/31/2024	support@ratsupport.com	Richard Charles Anderson	333 B Ridgecrest Pkwy	Oroville	CA, 95966	Active	
guest	anonymous	07/31/2024						Active	
nedle5@cwo.com	Contributor	07/31/2024	nedle5@cwo.com	Elden Lewis	2725 25th Street	Sacramento	CA, 95819	Active	
richard c anderson	Contributor	07/31/2024	richard@ratsupport.com	Richard Charles Anderson	333 B Ridgecrest Pkwy	Oroville	CA, 95966	Active	

Displaying members 1 to 6 of 6

Key:
 Edit member details
 Delete member
 View all data records entered by member.
 Send an email message to member.
 Activate new/banned member.
 Ban (suspend) member.

The view members menu selection brings us to this Members Page where The Administrator can configure and edit member information.

Check the key for the meaning of the icons and abilities.

Conclusion

- The Administrator has control of the configuration of the Application Database.
- The setup should be done as soon as the application is installed.
- If changes to the application are made it is important for The Administrator to do a update to the database via the Admin Area Menu Utilities, View/Rebuild Fields.



Happy Endings



We hope this presentation was helpful and if you have comments or suggestions then you can [contact us](#).