Brigade Administration & Support System (BASS)

Version 2.1.1

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1 Overview

BASS is a desktop application that records and reports on information used within a RFSQ Rural Fire Brigade.

1.1 Infrastructure Requirements

BASS can run on a number of platforms; Windows, Linux and MacOS X. It stores its data in a relational database; either MySQL or using an embedded version of SQLite.

The choice of database depends on how many computers BASS is intended to run. Where a Brigade has multiple computers on which BASS is intended to be run, then an instance of MySQL needs to be installed on one of the computers. Where a single machine is to be used, the use of SQLite is recommended.

2 Administration Manual

2.1 Installation

2.1.1

2.1.2 Windows

BASS will be supplied as a self-executing installer package. Double-click the installation package and the following license screen is shown. Click **I Agree** to continue.

📽 Brigade Administration Support System 2.0.4 Setup
License Agreement Please review the license terms before installing Brigade Administration Support System 2.0.4.
Press Page Down to see the rest of the agreement.
Common Public License Version 1.0
THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE
PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.
1. DEFINITIONS
"Contribution" means:
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Brigade Administration Support System 2.0.4.
Nullsoft Install System v2.46
I Agree Cancel

Select which database platform which you intend using for BASS and click Next to continue.

Brigade Administration Support System 2.0.4 Setup									
Choose Components Choose which features of Brigade Administration Support System 2.0.4 you want to install.									
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.									
Select components to install:	Brigade Administration Su SQLite 3 Database files (op MySQL Database files (op	Description Position your mouse over a component to see its description,							
Space required: 3.9MB	۲ III ۲								
Nullsoft Install System v2,46 ——	< Back	Next > Cancel							

By default, the installation package will suggest that BASS be installed in "C:\Program Files\rexx.org\BASS" as shown below. This can be changed, however, the location that is chosen **must** be able to be written to by the BASS server. If running BASS with a MySQL server, take note of the installation directory as it will be required later. Click **Install** to continue.

Brigade Administration Support System 2.0.	4 Setup
Choose Install Location Choose the folder in which to install Brigade Adm	inistration Support System 2.0.4.
Setup will install Brigade Administration Support in a different folder, click Browse and select ano installation.	
Destination Folder	Browse
Space required: 17.1MB Space available: 24.0GB Nullsoft Install System v2.46	< Back Install Cancel

A progress window will be shown. Once the setup has completed, click Next.

nstallation Complete Setup was completed successfully.		٢
Completed		
Create shortcut: C:\ProgramData\Micro Create shortcut: C:\Users\Public\Deskt	· · · · ·	. =
Created uninstaller: C:\Program Files\r Extract: libmysql.dll 100%	exx.org\BASS\uninstall.exe	
Extract: mysql.exe 100%		
Extraction and an 1000/		
Extract: mysqldump.exe 100%		
Extract: mysqlump.exe 100% Extract: rexxsql.dll 100% Output folder: C:\Program Files\rexx.d	org\BASS\setup	-
Extract: rexxsql.dll 100%		
Extract: rexxsql.dll 100% Output folder: C:\Program Files\rexx.o Extract: bass_create_mysql.sql 100		
Extract: rexxsql.dll 100% Output folder: C:\Program Files\rexx.o Extract: bass_create_mysql.sql 100		

Once the installation, completes, click **Finish** to exit the installer.

💝 Brigade Administration Sup	port System 2.0.4 Setup
	Completing the Brigade Administration Support System 2.0.4 has been istalled on your computer. Click Finish to close this wizard.
	< Back Finish Cancel

If you chose MySQL as the database platform, you need to install the BASS database tables as explained in Section 2.1.4 MySQL Configuration.

If using SQLite as the database platform, an empty database file has been installed and no further setup is required.

2.1.3 Linux

To be done.

2.1.4 MySQL Configuration

Where BASS is to used with MySQL, the latest version of MySQL should be installed. The actual installation of MySQL is not covered in this document, however the creation of the BASS database tables is covered. You will need to know the password for the MySQL user: **root**, that was created when MySQL was installed.

A MySQL database *username* with privileges to create tables is required. The *username* **bass** is suggested, but not mandatory, as the database *username* and *password* is specified in the BASS configuration. The MySQL *username* must also have full access to a MySQL database schema. This schema name must be *bass*. Following are instructions for creating the BASS database and **bass** *username*.

The following instructions assume a BASS *username* of **bass** with a *password* of **Password1** and MySQL running on the server with IP address of **10.0.0.1**. Change as necessary for your installation. Text in **bold** are the commands required to be executed.

2.1.4.1 MySQL on Windows

Run a Windows Command Prompt and issue the commands highlighted. Note that the version of MySQL may be different to that used below.

2.1.4.1.1 Create bass database and username

C: > cd "\Program Files\MySQL\MySQL Server 5.6\bin"

C:\Program Files\MySQL\MySQL Server 5.6\bin> mysql -u root -p -h 10.0.0.1

Enter password: ***** ← this is password for MySQL *username*: root

mysql> create database bass;

mysql> grant all on bass.* to 'bass'@'%' identified by 'Password1';

mysql> flush privileges;

mysql> quit;

2.1.4.1.2 Create BASS tables

C: > cd "\Program Files\MySQL\MySQL Server 5.6\bin"

C:\Program Files\MySQL\MySQL Server 5.6\bin> mysql -u bass -p -h 10.0.0.1 bass < "c:\program files (x86)\rexx.org\bass\setup\bass_create_mysql.sql"

Enter password: ***** ← this is password for MySQL *username*: **bass**

2.1.4.2 MySQL on Linux or MacOS X

From a command line prompt type the commands highlighted. **\$ mysql -u root -p -h** *10.0.0.1* Password: ***** ← this is password for MySQL *username*: **root** mysql> **create database bass;** mysql> **grant all on bass.* to 'bass'@'%' identified by 'Password1';** mysql> **flush privileges;** mysql> **quit;**

2.1.4.2.1 Create BASS tables

\$ mysql -u bass -p -h 10.0.0.1 bass < bass_create_mysql.sql

Password: ***** ← this is password for MySQL *username*: **bass**

3 Using BASS

Before using BASS, ensure that BASS setup has completed successfully especially if using MySQL as the database platform.

3.1 Initial Setup

The first time BASS runs with a MySQL database it will fail to connect to the MySQL database because it doesn't know the connection details. The following screen will appear:

Database E	rror
2	(ZZZZZ) Unknown MySQL server host 'error' (0) SQLCODE: -1 SQLTEXT: Do you wish to change the database connection details ?
	Yes No

Click Yes to change the BASS Preferences including the MySQL Connection details. Clear the error strings and set the *PDF Reader* and *Google Earth Executables* to valid programs, or leave blank as shown below.

Set the *Database Username*, *Password* and *Server* values to those used when setting up MySQL Server.

Edit Preferences	
PDF Reader Executable	Browse
Google Earth Executable	Browse
Include Comparison Reports	
Popup Anniversaries on Startup	
Years Limit for Meetings	0 0
Years Limit for Training	0
Years Limit for Incidents	0
Years Limit for Vehicle Checks	0
Database Usemame	bass
Database Password	•••••
Database Server	localhost
Apply	Cancel

Click **Apply** to save the settings. On a successful connection to MySQL the following screen will appear. This screen will be the first screen to display if using SQLite.

_				de Administrat	ion Support S	/stem									_	- - X
			Reports Hel	ip idents Vehicle	Chacks Rina	de Vebicles	Accete	Contacte	Programe	Codee	Security	Annivers	ariae			
				Home Phone										Positions	Comments	
	Vorid	Last Name	That Name	nome mone	Mobile Thom	- Address	Date of	ineu otu	alineation	License	ITAG	ream	T IGHK	T OSILIONS	Comments	
			Add			Change				Membe	er Reports				Set Filte	r

Click on the **Brigade** tab to configure details about your Brigade before adding any other data. You will need to come back to the **Brigade** page once you have members added who fill official positions in your Brigade.

Your Rural Fire Brigade - Brigade Administrati	ion Support System			
le Edit Tools Reports Help				
Members Meetings Training Incidents Vehicle	Checks Brigade Vehicles Assets	Contacts Programs Codes	s Security Anniversaries	
Identification			d Group Location	
Full Name Your Rural Fire Brigade Short Name Your Abbr	Id 998 ABN eviation YRFB Acronym			ude(dec) -27
Short Name Tour Abbr	eviation YRFB Acronym	T Group	Longitu	ude(dec) 152
Addresses	Phones			Radios
Station Address	Postcode 9999 Statio	n	Mobile	VHF Channel
Postal Address	Postcode 9999 Fa	x	Fire Warden	UHF Channel
Email Details		Pager Details	Number o	of Callout Procedures
Email Address yourbrigade@company.com		Company	Officers 2	
Email Server		Phone	Teams 0	Base Stations
Email Account someplace@gmail.com		Number	If Number of C changes, pleas restart BASS fo change to take	se or this
C Positions			(r	
Chairman		Elec	ted	Edit
Comms		Elect	ted	Edit
Equipment		Elec	ted	Edit
Secretary		Elec	ted	Edit
Training		Elect	ted	Edit
Treasurer		Elec	ted	Edit
Appl	у		Reset	