

installation instructions

zezame 2.0

Welcome to the Zezame Installation Instructions. Please read and follow the directions in this document carefully. Any problems with the instructions or the install process should be reported to support@issel.co.uk

system requirements

The configurations below represent the environments under which the Zezame product has been tested. The client Windows 95, 98 and XP platforms have not previously exhibited behavior significantly different than that of ME, NT and 2000; priority for testing was therefore given to the ME, NT and 2000 platforms.

As a web-based product Zezame is more dependent on the browser implementations than the hardware platform. Several behavioral differences between Internet Explorer versions 5.0, 5.5 and 6.0 exist.

We highly recommend you do not run Zezame in Internet Explorer 5.50.3825.1300; this browser version is known to be unreliable and is not supported.

system requirements

Minimum requirements are listed below in parentheses.

server

Pentium III 1 GHz (500 MHz)

256 MB RAM (128 MB)

100 MB for Zezame software

10 GB for the Zezame cache

Microsoft Windows NT 4 Server SP5 / 2000 Server / XP Server

Microsoft Internet Information Server 4 / 5

Microsoft SQL Server 7.0 / 2000

client

Microsoft Windows 9x / ME / NT 4 / 2000 / XP

Microsoft Internet Explorer 5.0

Microsoft Internet Explorer 5.5 *excluding* version 5.50.3825.1300

Microsoft Internet Explorer 6.0

The system is not supported on IE5 for the Mac. The Macintosh implementation of the browser does not support Javascript and CSS sufficiently well to work with Zezame.

Note that disk space for the Zezame cache is entirely depended on the number of pages you are planning to save in the system.

installation information

This document will help you install Zezame and configure the SQL Server database and web server. Please read and follow the instructions carefully.

At the end of this document you will find a cheat sheet, which you can use to fill in information about your Zezame installation.

Some format and layout notes for these instructions:

SQL_MACHINE_NAME refers to the machine where SQL Server 7.0 / 2000 is installed and where you will create the Zezame databases. Within the SQL Enterprise Manager this is the SQL Server Name.

ZEZAME_DB_NAME refers to the SQL Server database name you choose for the Zezame application. When you see it in our instructions, enter the database name you assigned to Zezame (e.g. Zezame). This database stores the actual annotations and all associated information.

Zezame software

Before you start installing the Zezame software, make sure you have the latest version of the software by downloading it from the Zezame web site.

1. Get the Zezame software from the Zezame web site.
[www.zezame.com/download.html]
2. Also download the Zezame 2.0.1 patch
3. Double-click on Zezame_2.0.zip to unpack the file in a suitable directory after the file is downloaded. For this you may need to download and install WinZip. [www.winzip.com]

software installation

Now you are ready to install the Zezame software files. The setup will ask you where you would like to put the:

- executable software files.
- ZezameCache: a directory where Zezame stores your Zezamed pages. We recommend you put the Cache in a location where you have about 10 GB of space.
- DataLinks: a directory containing the .udl file used to connect to the SQL Server database.

In the directory where you unpacked the Zezame files, run the *Zezame.exe*. Follow the instructions in the dialogs.

set security on the Zezame directory

For the Zezame application to run correctly you need to set up the security on the Zezame directory as follows:

1. In the Windows Explorer find the Zezame directory (for example, C:\Program files\Zezame)
2. Menu: File/Properties
3. Go to the Securities tab
4. Click the Add... button
5. Add the user IWAM_(Servername), for example IWAM_WEBSERVER
6. Click OK
7. In the Permissions area, with the user IWAM_(Servername) selected, click Full Control
8. Click OK

database setup

In this section you will create the Zezame database, run an SQL script which set up the tables and stored procedures, and create a database user.

create the database

In this step you create the database Zezame will use. We recommend the name Zezame as this is the default name used in the SQL script you will run in the next step.

9. Start the Microsoft SQL Server Enterprise Manager. Under Console Root, open Microsoft SQL Servers/SQL Server Group/SQL_MACHINE_NAME.
10. Select the Databases folder under SQL_MACHINE_NAME.
Menu: Action-> New Database. Name it ZEZAME_DB_NAME (e.g., Zezame).

run the table generation scripts

In the Zezame distribution there should be a folder called *Zezame 2.0*. This folder contains an SQL file (*create_sqlserver_db.sql*) which generates the proper tables and stored procedures in the Zezame database you created.

If you named the database anything other than Zezame you must edit the first line of *create_sqlserver_db.sql* file before running the script. The first line should read:

```
USE    ZEZAME_DB_NAME
```

To run the script:

1. From the Start menu, find the SQL Server menu and open the SQL Server Profiler (can be called just Profiler in the menu).
2. Menu: File/Open/SQL Script...
Browse to and open the *create_sqlserver_db.sql* file
3. Button: Start execution. (The Start execution button looks like an arrow.) In the Replay SQL Server dialog, choose the server SQL_MACHINE_NAME on which the script will be executed.
4. Click OK. You will receive a Replay Error 51 in the first row regarding the lack of a pre-existing connection to the database. You may safely ignore it.

Exit the Profiler.

create a user

This section describes how to create the SQL Server user the Zezame software uses to connect to the databases. If you wish to use an NT Domain user when connecting to the database, please consult the SQL Server documentation.

1. Go back to the SQL Server Enterprise Manager.
2. Open the Security folder, select the Logins item.
3. Menu: Action/New Login...
This menu can be accessed either from the Menu bar or by right-clicking on Logins.
4. The dialog SQL Server Login Properties – New Login opens. Fill in all three tabs as follows before clicking OK:

General

Name: enter a name for the database user the Zezame application will use to connect to the database, for example, *zz_db*.

Authentication: choose *SQL Server authentication* and enter a password

Defaults: set the default database to *ZEZAME_DB_NAME* (e.g., *Zezame*).

Language: Leave language on default.

Server Roles

Not used.

Database Access

Check the Permit column for *ZEZAME_DB_NAME* in the upper list box. With the database still selected, check *db_owner* in the lower Permissions list box.

5. Click OK. A password confirmation dialog will open: retype the user password.

To confirm the creation of the user open the *ZEZAME_DB_NAME* database and click on the item *Users*. You should now see the created user, with Permit access, in the list of users for *ZEZAME_DB_NAME*.

configuration of web server and DataLinks

This section assumes some knowledge of Microsoft Internet Information Server 4 or 5.

create virtual directories on IIS

Using the Internet Service Manager you will create a new virtual directory with the alias Zezame in IIS. If you choose to give the alias a different name, please see the note at the end of this section. Then you will enable the `zez_catcher.dll` ISAPI filter.

The `zez_catcher.dll` "catches" javascripted URLs which for one reason or another manage to break out of the Zezame environment and try to find pages or images relative to the web server root. This would of course be relative to the page you are currently browsing, but as Zezame has rewritten all the URLs to point to the Zezame server, the relative URL will point to something on the Zezame server and would not generally find anything. The `zez_catcher.dll` resolves this issue and delivers the right item.

1. Open the IIS Internet Service Manager; select the Default Web Site.
2. Menu: Action-> New-> Virtual Directory. The Virtual Directory Wizard starts.
3. Name the alias Zezame.
4. Set the physical path for the virtual directory to the location where you installed the Annotator folder; for example, `C:\Program files\Zezame\Zezame 2.0\Annotator`.
5. On the access permissions dialog, make sure the following boxes are checked:
 - *Allow Read Access*
 - *Allow Script Access*
 - *Allow Execute (includes script access)*
6. Click Finish; the wizard closes, and the alias appears under Default Web Server.
7. Select the alias. Menu: Action-> Properties.
8. Go to the *Documents* tab; make sure that Enable Default Document is checked, push Add and enter *Zezame.dll* in the field Default Document Name.
9. Go to the *Directory Security* tab; push Edit under *Anonymous Access and Authentication Control*. Make sure Allow Anonymous Access is the only box checked on the Authentication dialog. If any of the others are checked Zezame will not work properly.
10. Push OK twice to finish.
11. Select the Default Web Site again.
12. Menu: Action-> Properties. The Properties dialog opens.
13. Select the *ISAPI Filters* tab.
14. Push the *Add...* button.
15. Name the filter *Zezame_filter* (or another name of your choosing).



16. Set *Executable* to be the filename of the *Zeze_catcher.dll* file; for example, *C:\Program files\Zezame\Zezame 2.0\Annotator\Zeze_catcher.dll*.
17. Push OK twice to finish.

IMPORTANT NOTE

If you call the virtual directory anything other than *Zezeame*, you must edit the *zezame.ini* file. The *.ini* file is located within the *Annotator* folder under the directory where you have chosen to install the *Zezeame* product.

Find the part of each file which looks like this:

```
[paths]
js=js/
img=img/
css=css/
annotator=/Zezeame/zezame.dll
```

Change the last line to match your virtual directory name. For example, if the virtual directory was called just *Zeze*, the *.ini* file would look like this:

```
[paths]
js=js/
img=img/
css=css/
annotator=/Zeze/zezame.dll
```

WARNING: *Do not change any other values in this file!*

setting up your Data Link

After you have installed the *Zezeame* software you must configure a *Data Link* to find the *SQL* database. The file is called *zezeAnnotator.udl*.

1. In *Windows Explorer* open the *ZezeameDataLinks* folder. Double click the *zezeAnnotator.udl* file and select the *Provider* tab on the dialog.
2. Choose *Microsoft OLE DB Provider for SQL Server* in the list box and click *Next*.
3. Under the *Select* pulldown choose the *SQL_MACHINE_NAME* server name or type it directly in the *Connection* tab.
4. Select the radio button *Use a specific user name and password*. Set username to the *zz_db* (or your equivalent) user you created earlier; enter password for logging on to the database and tick the *Allow saving password* checkbox.
5. Set the database on the server to the *Zezeame* database, *ZEZAME_DB_NAME*.
6. Push *Test Connection*. If the test fails check all the *DataLink* settings are properly configured. If the test fails again, check that the database user name (*zz_db*) and password match the name and password entered in the *DataLinks*.
7. Under the tab *All*, make sure *Persist Security Info* is set to *True*. Click *OK*.

8. A Microsoft Data Link warning dialog regarding saving of unencrypted passwords will open. Click Yes.

start and stop services

The last step before testing your installation is to stop and restart the *World Wide Web Publishing* and *IIS Admin services* under *Services* in the *Control Panel*. Stopping and starting the web server from the Internet Service Manager is not sufficient.

test your installation

Now open a browser window and enter the URL `http://<server_name>/Zezame/`. Login with the default user **Admin** and the password **ADMIN** (case sensitive). Zezame should now open.

Go to a web site which is accessible from this computer by entering the URL in the Zezame address toolbar. The web site should open in Zezame.

change the administrator password

For security reasons we recommend you change the password of the Admin user to prevent unauthorized persons from accessing your system. Do not delete the default Admin user.

For information on how to create and delete users, see the Getting Started with Zezame guide accessible from the Zezame Welcome page.

You have now installed Zezame on your system.

entering a license

Zezame is now installed with a trial license which will expire 29 days from the day of installation. If you have purchased a full license please enter the license key you have been given as follows:

1. Login as the administrator of the Zezame server.
2. Click on the Settings button in the Toolbar.
3. Click on the System Settings link.
4. Enter your company or organization name, as supplied by Zezame, in the Licensee field.
5. Enter the license key in the license key field.
6. Click Register. Note the text you entered in the Licensee field will be visible, but the License key field will appear empty.
7. Confirm the license is registered properly by logging out of Zezame and logging in again. The Licensee name will now be visible on the Welcome page.

install the 2.0.1 patch

You now need to install the 2.0.1 patch which is a recommended patch for 2.0. It resolves issues with framesets not being possible to capture on IE 5.5 and IE 6.0 browsers.

1. Double-click on Zezame_201_patch.exe self extracting archive to unpack the file in a suitable directory.
2. Double click the Setup.exe file.
3. If the patcher is unable to locate your Zezame installation, use the ... button to help the patcher to locate the zezame.ini file. It is normally located in (assuming you installed it here):
C:\Program Files\Zezame\Zezame 2.0\Annotator\Zezame.ini
4. Verify that it says "Installed version is 2.0".
5. Click the update button.
6. Verify that it now says "Installation succesful."
7. Either restart the computer or web server, if you do this skip to step 11, if you don't want to do this you can unload the Zezame DLL from the web server. To do this open the Internet Services Manager.
8. Find the Zezame virtual directory and select it.
9. Righth click for Properties or do Action-> Properties.
10. Find the Unload button and click it.
11. Confirm that 2.0.1 is loaded by login in to your server.



purchasing the product

To find out more about Zezame and how Zezame can help you streamline your web management activities, please contact either one of our growing number of local sales partners or our master distributor ISSEL directly.

Phone: +44.20.7721.8580

Fax: +44.870.054.8795

Email: sales@issel.co.uk

Web: www.issel.co.uk

uninstall information

To remove Zezame from your system:

1. Stop the web server. Open the system Control Panel folder, double click Services. Select the IIS Admin Service and stop it. All other IIS services should be stopped with it. Close the Services panel.
2. In the Control panel, double click on Add/Remove Programs.
3. Select Zezame from the list of installed software products.
4. Click the Add/Remove button.
5. The uninstaller program opens. Select the Remove radio button and click Next. Follow the rest of the program directions.

Note: If you encounter a dialog or multiple dialogs regarding read-only, locked or in-use files, choose Ignore.

The uninstall will leave behind files that were created dynamically during install (see the list below) and through normal product use (annotated and kept pages in ZezameCache, and log files within the Annotator and Forum directories).

To completely remove Zezame from your system you must delete these files after you have removed the Zezame virtual directory from the IIS server. You may have to reboot your system before it is possible to remove this directory.

<path>\Zezame\Zezame 2.0\Annotator\zezame.ini

<path>\Zezame\ZezameDataLinks\zezAnnotator.udl

You must also delete the SQL Server databases.



end note

We hope you find our product useful and enjoy using it. Check our website's support section for updated release notes and product patches.

The Zezame Team

customer support contact

If you require customer support please contact either your local sales partner or alternatively our master distributor ISSEL.

Phone: +44.20.7721.8580

Fax: +44.870.054.8795

Email: support@issel.co.uk

Web: www.issel.co.uk

sales contact

To find out more about Zezame and how Zezame can help you streamline your web management activities, please contact either one of our growing number of local sales partners or our master distributor ISSEL directly.

Phone: +44.20.7721.8580

Fax: +44.870.054.8795

Email: sales@issel.co.uk

Web: www.issel.co.uk

Other matters

If you would like to make direct contact with us then please do so via:

Email: info@zezame.com

Zezame, Inc.

45-A Fayerweather Street

Cambridge, MA 02138

U.S.A.



cheat sheet

We have provided this sheet for you to print out and use for taking notes about your Zezame installation.

SQL_MACHINE_NAME: _____

ZEZAME_DB_NAME: _____

Database user name: _____

Database user password: _____

Annotator folder path: _____

Cache path: _____

DataLinks path: _____

Virtual directory alias: _____

Zezame Administrator name: _____

Zezame Administrator password: _____

Notes: