Club Speed API Install

The PHP API returns JSON, JSONP and XML – suitable for extending Club Speed by Club Speed staff or 3rd party developers.

This guide will show you how to install both PHP and the API onto IIS.

# Guide Overview

1. Install PHP on IIS with MSSQL
2. Configure PHP/IIS Application
3. Install API/Auto Updater/Test
4. Errors/Troubleshooting

# Install PHP on IIS with MSSQL

## PHP/IIS Installation/MSSQL

Visit Microsoft’s site to download PHP via their Web Platform Installer: <http://www.microsoft.com/web/gallery/install.aspx?appid=PHP53>

The MSSQL driver comes with this automatically. Install using all default settings.

# Configure PHP/IIS Application

## Fix IIS’s CGI (Seems to need to be done everywhere on our latest images)

For some reason IIS needs the CGI role uninstalled and then reinstalled. See section “HTTP Error 500.21 - Internal Server Error” below.

## Add the Application

Right click on the “Default Website” and select “Add Application”.

Set the alias as “api” and the Physical Path to: “C:\ClubSpeedApps\api”. The Application Pool is: “DefaultAppPool”.

## PHP Manager Settings

Load up IIS and open the “api” application that you created. Open the “PHP Manager” within your “api” application.

Click “Register new PHP version” and navigate to the PHP install path. By default it is: C:\Program Files (x86)\PHP\v5.3\php-cgi.exe

Click “Manage All Settings” and change “fastcgi.impersonate” to 0. This allows PHP to run as the Application Pool user.

As a note, CGI needs to be installed in IIS. If it’s installed you will see a “CGI” icon in IIS. If it is not there, that Role Service may be installed by running “CompMgmtLauncher.exe” from the Run box.

# Install API/Test (using Git)

## Install Git

Download the latest version and install: <http://msysgit.github.io/>

Take all defaults, except: “Use Git from Windows Command Prompt”

From command line run:

1. Mkdir c:\ClubSpeedApps
2. Mkdir c:\ClubSpeedApps\api
3. cd c:\ClubSpeedApps\api
4. "c:\Program Files (x86)\Git\bin\git.exe" init
5. "c:\Program Files (x86)\Git\bin\git.exe" pull https://clubspeed-api-updater:,git2014!GusGus,@github.com/clubspeed/clubspeed-api.git

## Install Git Auto Updater in Fire Daemon

1. Create a new service called “ApiAutoUpdate”.
2. Set the Executable to: C:\ClubSpeedApps\api\update.bat
3. Under the Settings tab, set the “Upon Program Exit” to 1800000 (30 minutes)
4. Install the service

## Adjust Configuration

For new installs, rename “config.orig.php” to “config.php”. Ensure Edit “config.php” in Notepad to set the following:

* Date format (Europe/Australia typically use Y-d-m)
* Timezone (per the notes in the file)
* Change the private key to a random string

## Updated Stored Procedures

Run the “install.sql” file found in the distribution against the SQL server database to update the stored procedures in the database.

# Errors/Troubleshooting

## General Testing

If you would like to test your PHP and application install, drop a file in the “C:\ClubSpeed\api” directory named “index.php”. The contents of the file should be “<?php phpinfo();”. This will show the PHP info page for all loaded modules. Remove this file when you are done.

Load this file from the local web browser on the server – it will show any errors.

## PDO MSSQL PHP Driver Not Enabled

From PHP Manager in the API application, click “Enable or Disable an Extension”. Enable the “php\_pdo\_sqlsrv\_53\_nts.dll” (this matches PHP v5.3 installed above). NTS is non-thread-safe. Other version installs php\_pdo\_sqlsrv.dll.

## Enable Additional PHP Error Reporting

From IIS’s “PHP Manager”, select “Error Reporting” and switch into Development Mode. Be sure to go back to Production Mode once you are done.

## HTTP Error 500.21 - Internal Server Error

Handler "php-5.3.24" has a bad module "FastCgiModule" in its module list

This error arises because the CGI module is not installed properly in IIS.

To fix this error, uninstall then reinstall the CGI role in IIS. You can do this by running “CompMgmtLauncher.exe” from the Run box and removing the IIS CGI role.

Once CGI is reinstalled, re-register the PHP module from the “Configure PHP/IIS Application” section above.

## Installing on 2003 Server (a bit of manual work) See Kart World Belmont

## Needed to add FCGI dll to .php extension in the IIS application

Needed this SQL Server Native Client:

http://www.microsoft.com/en-us/download/details.aspx?id=27596

## Then load pdo\_sqlsrv driver: <http://www.microsoft.com/en-us/download/details.aspx?id=20098>

## Also had to edit php.ini to change impersonate and add new sqlsrv driver (at bottom of file)