

staffITproWeb API

Samples Documentation

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FUB

The content of this document is public.

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Introduction

staffITproWeb API is a REST web service attached to staffITproWeb, our leading ATS (Applicant Tracking System) software application for the recruiting business. staffITproWeb API provides you with a complete set of functions to interact with your staffITproWeb database.

staffITproWeb API allows you to view, add, edit, delete and manage your staffITpro data: Applications, Candidates, Business Contacts, smartCV, Positions, Offers, Contracts and Documents.

staffITproWeb API Security

staffITproWeb API employs the latest technologies in web security, providing a safe environment for your company's data.

staffITproWeb API uses a Token management system, which means your application only has to send the authentication data once. If the login is valid, the generated Token is sent back to your application, which must keep it and use it for further connections to the server.

All Token and authentication data is encrypted using AES technology.

Application Guid

All staffITproWeb API applications must submit a Guid, along with the authentication data.

The Guid is used to identify and manage your application in staffITproWeb Admin. This allows you to easily manage and assign users to that specific application.

Before publishing an application, please request our sales team a Guid and a valid license for it.

Please do not rely on the default Guid that is provided with these samples. This Guid is only valid on Demo databases and will not be included in a full license.

Demo Databases

For testing purposes, we have configured one database on two of our staffITpro Servers. To connect, please use the following settings:

German Database

Service address: <http://www.staffITproCloudDemo.de/staffITproWebApi/>

Database: staffITproWebApiDemo

Username: TEP

Password: SIP*2009T

USA Database

Service address: <http://www.staffITproTexas.com/staffITproWebApi/>

Database: staffITproWebApiDemo

Username: TEP

Password: SIP*2009T

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You can access the definitions of the exposed functions in the help file or at the following addresses:

<http://www.staffITproCloudDemo.de/staffITproWebApi/Application/Help>

The service exposes functions related to the Applications module

<http://www.staffITproCloudDemo.de/staffITproWebApi/BusinessIntelligence/Help>

The service exposes general functions for use in charts and reports

<http://www.staffITproCloudDemo.de/staffITproWebApi/Candidate/Help>

The service exposes functions related to the Candidates module

<http://www.staffITproCloudDemo.de/staffITproWebApi/SmartCV/Help>

The service exposes functions related to the smartCV module

<http://www.staffITproCloudDemo.de/staffITproWebApi/Client/Help>

The service exposes functions related to the Business Contacts module

<http://www.staffITproCloudDemo.de/staffITproWebApi/Position/Help>

The service exposes functions related to the Positions and Offers modules

<http://www.staffITproCloudDemo.de/staffITproWebApi/Contract/Help>

The service exposes functions related to the Contracts module

<http://www.staffITproCloudDemo.de/staffITproWebApi/Common/Help>

The service exposes Contacts, Reminders, Documents and User Defined Fields related functions

<http://www.staffITproCloudDemo.de/staffITproWebApi/Lightweight/Help>

The lightweight service exposes the mostly used functions in normal workflow, with reduced data traffic, perfect for mobile or traffic-restricted applications.

<http://www.staffITproCloudDemo.de/staffITproWebApi/System/Help>

The service exposes system related functions: staffITpro Users, System Lists, Rights and more.

<http://www.staffITproCloudDemo.de/staffITproWebApi/Token/Help>

The service exposes Token authentication related functions

staffITproWeb API Demos

This package includes six demos with source code, which will allow you to get started coding immediately:

1. staffITproWeb API Demo – ASP
2. staffITproWeb API Demo – PHP
3. staffITproWeb API Demo – WinForms (simple)
4. staffITproWeb API Demo – WinForms (advanced)
5. staffITproWeb API Demo – WPF
6. staffITproWeb Leads Creation

Support

Please contact staffITpro support if you need more information.

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staffITproWeb API Demo - ASP

This is a basic demo of the following operations:

1. Requesting a Token from staffITproWeb API
2. Showing a list of Positions with pagination
3. Showing the job details for a specific Position

Requirements for building

1. Visual Studio;

The required dependencies are provided in the corresponding folder and already referenced in the project.

Requirements for running

1. A Windows server or hosting package;
2. IIS web server;
3. ASP.NET support.

Building

Open “staffITproWeb.API.Demo.ASP.sln” in Visual Studio and click Build. No additional configuration is needed.

Installation

Please follow the next steps for installing this demo:

1. Copy the folder “staffITproWeb.API.Demo.ASP” to your server environment.
2. Create a virtual directory or application in IIS pointing to the copied directory
3. Configure appSettings in “web.config”
 - a. staffITproWebApi_Username
 - b. staffITproWebApi_Password
 - c. staffITproWebApi_Database
 - d. staffITproWebApi_Service
 - e. staffITproWebApi_AppGuid

These settings already come predefined and point to our staffITproWebApiDemo database.

4. Set permissions for the required account under which the application pool runs

staffITproWeb API Demo - PHP

This is a basic demo of the following operations:

1. Requesting a Token from staffITproWeb API
2. Showing a list of Positions with pagination
3. Showing the job details for a specific Position

Requirements

1. A Windows or Linux server or hosting package;
2. IIS or Apache web server;
3. PHP 5 >= 5.2.0 support;
4. JSON support in PHP (PHP 5 >= 5.2.0 already includes support or an older version of PHP with PECL json >= 1.2.0 installed, although the latter is not recommended nor supported);
5. cURL extension enabled in PHP.

Installation

Please follow the next steps for installing this demo:

1. Copy the folder "staffITproWeb.API.Demo.PHP" to your server environment.
2. Make sure the "data/tmp" folder is writable from PHP.
3. Configure the "AppConfig.php" file in the "data" folder.
 - a. api_user_name
 - b. api_user_pass
 - c. api_db_name
 - d. api_url
 - e. api_app_guid

These settings already come predefined and point to our staffITproWebApiDemo database.

4. If you are using IIS, you may need to set the default document to index.php
5. Set permissions for the required account under which the application pool runs

staffITproWeb API Demo - WinForms

This is a basic demo of the following operations:

1. Requesting a Token from staffITproWeb API
2. Showing a list of Positions with pagination

Requirements for building

1. Visual Studio;

The required dependencies are provided in the corresponding folder and already referenced in the project.

Requirements for running

1. Windows operating system;
2. .NET framework support (version depending on the target .NET set in Visual Studio).

Building

Open “staffITproWeb.API.Demo.WinForms.Simple.sln” or “staffITproWeb.API.Demo.WinForms.Advanced.sln” in Visual Studio and click Build. No additional configuration is needed.

Running

Please follow the next steps for installing this demo:

1. Copy the contents of the “bin\Debug” or “bin\Release” folder to the target computer.
2. Run “staffITproWeb.API.Demo.WinForms.exe”.

staffITproWeb API Demo - WPF

This is a basic demo of the following operations:

1. Requesting a Token from staffITproWeb API
2. Showing a list of Positions with pagination

Requirements for building

1. Visual Studio;

The required dependencies are provided in the corresponding folder and already referenced in the project.

Requirements for running

1. Windows operating system;
2. .NET framework support (version depending on the target .NET set in Visual Studio).

Building

Open “staffITproWeb.API.Demo.WPF.sln” in Visual Studio and click Build. No additional configuration is needed.

Running

Please follow the next steps for running this demo:

1. Copy the contents of the “bin\Debug” or “bin\Release” folder to the target computer.
2. Run “staffITproWeb.API.Demo.WPF.exe”.