Getting Started With Docmosis Tornado

Setup

Install Open Office or Libre Office

Docmosis works well with either Libre Office or Open Office. You should install either the one you are most familiar with, or the one best supported by the platform on which you are running the server. If unsure, Open Office is the most common starting point

Install Java 6 or Later

Install the latest version of Java 6 if you do not already have it running. Note, if you have installed a 32 bit version of Open Office or Libre Office you will need a 32 bit version of Java (or a 64 bit version that can run in 32 bit mode).

Download Docmosis Tornado Server

You will also need to obtain a license key to allow the server to run.

Running and Connecting

The following commands assume the Docmosis Tornado distribution is called docmosisTornado.war. This name may be slightly different so you should adjust the following commands to refer to the file you are using.

To launch the server

Launching the server is easy:

```
java -jar docmosisTornado.war
```

This will start the server running on port 8080 by default. The server will log what it is doing to the screen. Later when you have completed configuration, logging will move to a configured location.

Note on OSX

On OSX, the Java installed is typically a 64 bit version. To run the server, you will most likely need to run in 32 bit mode:

```
java -d32 -jar docmosisTornado.war
```

If you know you have installed a 64 bit version of Open Office or Libre Office, then you probably will not need to run in 32 bit mode

Choosing a Different Port

If you have a requirement to use a different port for the server, you can override the default as follows:
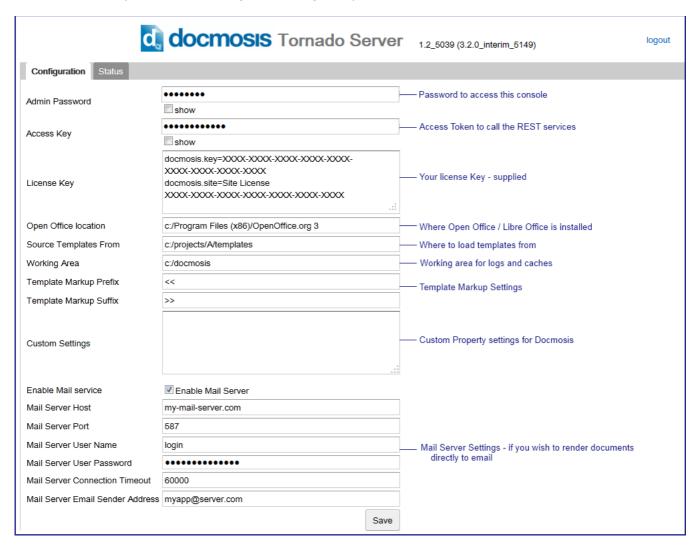
```
java -Dport=8090 -jar docmosisTornado.war
```

Configuring

Once the server is running, you can connect to it with a web browser:

http://localhost:8080/

This will present you with the configuration page on your first visit:

The diagram above illustrates the basics of the areas to be configured. The web page provides valuable tool tips for the fields also.

Where Configuration Information Lives

Configuration information is saved against the account of the user running the server. This configuration is persisted in the Windows registry on Windows platforms and in the user's home directory on linux/unix based systems.
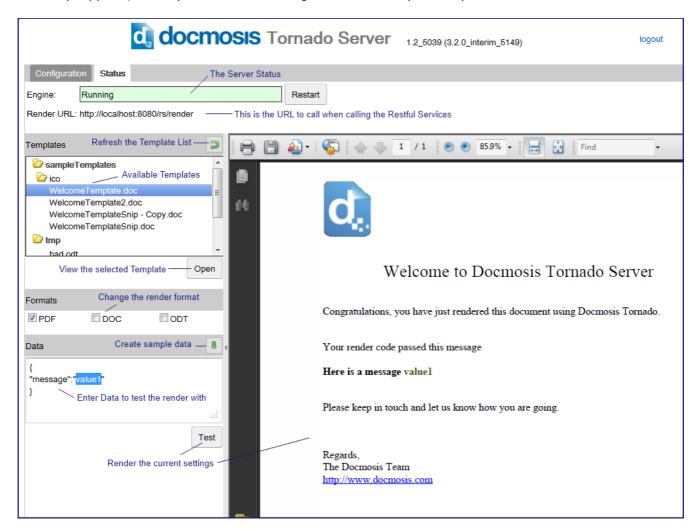
Testing

Once you have completed configuration, you can move to the Status tab, to start up the server. In future, the server will start automatically when you run the *java -jar docmosisTornado.war* command.

The test platform allows you to view your templates, open them (if you are running the server on your local machine) and even edit and save your templates to test changes immediately. Note that this will change the templates in the path you have configured, so don't go modifying templates unless you mean to.

If you render PDF only, the result will be displayed in the browser panel on the right. If you choose any other formats or combinations of formats, you will receive the rendered document as a download.

The test platform can also create sample data based on the template you have selected. For the moment this feature is quite limited. It only produced JSON format data, and only for the fields in the body of your template which are not within conditional or repeating sections. This will in future assist with XML data (which Docmosis currently supports) and to provide more coverage of the fields in your templates.

Rendering From Your Application

The server Status page displays the render URL to use for invoking the Render service (just below the Engine status). This is the URL to use with your client code / libraries to request documents to be rendered. The details of this are beyond the scope of this introduction. You should refer to the Docmosis Web Services guide in the Support area of the Docmosis site (http://www.docmosis.com/support) for details about invoking the render service.

Note that Docmosis Tornado provides only the render service. The Docmosis cloud services provide many other services to support producing documents in a cloud environment. The render service is identical to that provided by the cloud service except for:

1. The URL is different - you will direct the requests to your local Docmosis Tornado server instead of the public Cloud Service

2. The only REST services are "render" and "getTemplateStructure"

3. Store-to directives for cloud and AWS (Amazon S3) storage are not available

4. REST clients do not need to supply an access key (unless you set one in the configuration tab)

5. Emailing documents is supported as long as you have configured an email gateway into Docmosis Tornado configuration

More Help

Docmosis provides a large number of features controlled from both the templates and from the data. To get the most out of Docmosis, please read the Developer Guide and Template Guides on the Docmosis web site under the Support area (http://www.docmosis.com/support).

We hope you enjoy using Docmosis.