

# **ColdFusion Administrator Web Service API User Guide**

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**Current Version 1.1.7**  
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**Please note that the file path has changed. Please backup and then delete any previous version of this API first.**

This Web Service API is a web service extension to the AdminAPI to allow remote communication with the ColdFusion administrator on your web servers. Support for ColdFusion 6.1, 7 and 8.  
Coldfusion 6.1 support is however being discontinued.

Originally created for the HELM hosting control panel.

## Install

NOTE: For security reasons the default CFIDE should not be mapped to your customers web sites otherwise they will all be able to access your ColdFusion administrator and the AdminAPI. For more information on securing your ColdFusion installation, see this article  
<http://russ.michaels.me.uk/index.cfm/2006/10/22/Securing-Your-ColdFusionMX-Installation>

Extract the `webService` folder from the zip file into to your `\CFIDE\adminapi` folder on each of your Coldfusion enabled web servers.

E.G.

`c:\inetpub\wwwroot\cfide\adminapi`

If the adminapi folder does not exist, create it.

Now edit the config.cfm file in the webService folder and enter the list of IP addresses that should be allowed access to the API. Each IP should be comma separated, e.g.

```
<iplist>127.0.0.1,192.168.0.1</iplist>
```

For HELM3 you will need the IP address of the HELM control server, for HELM4 you will need the IP address of the ColdFusion server itself. These must be the default communication IP addresses that the servers will use when making outgoing connections. If you need to verify your IP, login to the server and visit [www.whatismyip.com](http://www.whatismyip.com)

If you need to do any debugging and error logging you can set the debug flag to true.

```
<debug>true</debug>
```

## HELM Configuration

NOTE: ColdFusion is not required on the HELM control server.

### HELM3

Helm3 cannot use the web service directly due to some problem with ASP, and requires a HTTP post wrapper.

In the HELM3 web service settings, you need to specify the address to the adminapiWrapper.cfm file.

E.G.

CFusion DSN API URL:

<http://yourserver/cfide/aminapi/webService/AdminApiWrapper.cfm>

CFusion Admin Password: Your CFADMIN password

By default ColdFusion throws an error if you create a DSN with an invalid username/password, database etc. If an error occurs the API will automatically delete the DSN.

If you want to allow DSN's to be created regardless of errors, I.E. you want to allow DSN's to be created without a username/password then you need to modify the API URL as follows..

CFusion DSN API URL:

<http://yourserver/CFIDE/AdminAPI/webService/AdminApiWrapper.cfm?DeleteOnError=No>

### HELM4

In the HELM4 IIS service settings, you need to specify the address to the web service for your version of ColdFusion..

#### For ColdFusion 8

ColdFusion Admin API URL:

<http://yourserver/cfide/aminapi/webService/CF8AdminApi.cfc>

#### For ColdFusion 7

ColdFusion Admin API URL:

<http://yourserver/cfide/aminapi/webService/CF7AdminApi.cfc>

#### for ColdFusion 6.1

ColdFusion Admin API URL:

<http://yourserver/cfide/aminapi/CF6AdminApi.cfc>

ColdFusion Admin Password: Your CFADMIN password

## **Testing the API**

You can use the following test file to check if your API is working correctly, this is display the current config settings and will allow you to create a MSSQL DSN. It doesn't matter if you do not have a MSSQL Server, the DSN will still be created. You can then verify it in the ColdFusion administrator.

<http://yourServer/cfide/administrator/webService/test.cfm>

## **HISTORY**

### **1.1.7**

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FIXED SQL Server DSN now correctly sets the "SelectMethod=direct" and works with SQL 2005

ADDED Support for ColdFusion 8

ADDED New XML configuration file

ADDED Debugging and error reporting. Now reports better errors back to helm and created logfiles

### **1.1.6**

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Fixed XMLresponse for CF7 OTHER DSN creation (setOther)

Fixed Sandbox secured folder to allow "\" at end of path

### **1.1.5**

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Fixed MYSQL DSN bug

Added MS Access DSN to not maintain connections by default