



Broadcast  
Software  
International



# Frequently Asked Questions

## Configure Metadata for Icecast2 Streaming

Icecast version 2 often requires use of specific mount points from various streaming hosts such as Live365. This document will go over how to configure Simian to push the metadata via HTTP call.

### Step 1:

Gather your streaming server host information. This should include the encoder IP address/URL, Host Port, username, password, and mount point for your stream. As an example, here is what those server details would look like from Live365. You will want to ensure the stream server is configured for HTTP protocol over HTTPS. **NOTE: Simian is only able to use HTTP for this type of metadata output.**

### Server details 2

Protocol	Hostname	Port	Mount
HTTPS	<input type="text" value="ingest.live365.com"/>	<input type="text" value="8000"/>	<input type="text" value="a"/>

**Username**

**Password**

### Step 2:

In Simian, select Tools and then Program options. Once the program options menu has opened, select the tab that says “Streaming”. Click on the box for IceCAST and input the host server and port information in the URL/Port field, including the HTTP protocol. Then input your username and password in their respective fields. It should look similar to the example below. Once those fields have been filled out, you can select the Ok button to close the menu and minimize Simian.

Simian Program Options

The screenshot shows the 'Simian Program Options' dialog box with the 'Streaming' tab selected. The 'Windows Media Encoder Services' section has several checkboxes: 'Enable WMES functionality', 'Initialize WMES Encoder on startup', and 'Default Text Script Command'. The 'WME File Name' field is empty. The 'Default Text Script Command' field contains 'Currently Playing: %artist% - %title%'. The 'Stream Encoding Metadata' section has a table with columns for 'URL / Port', '\*', 'Username', and 'Password'. The 'IceCAST' row is selected, with 'http://my.stream.com:8000' in the URL field, 'username' in the Username field, and 'password' in the Password field. The 'Encode Stream Encoding Metadata (use URL entities)' checkbox is unchecked. At the bottom, there are fields for 'Default Artist / Advertiser' (BSI), 'Default Title / Description' (Simian), and 'Default URL'.

	URL / Port	*	Username	Password
<input type="checkbox"/> ShoutCAST	http://EncoderIP:EncoderPort	<input type="checkbox"/>		
<input checked="" type="checkbox"/> IceCAST	http://my.stream.com:8000	<input type="checkbox"/>	username	password
<input type="checkbox"/> SAM Cast	http://EncoderIP:EncoderPort	<input type="checkbox"/>		
<input type="checkbox"/> Live365	http://EncoderIP:EncoderPort	<input type="checkbox"/>		
<input type="checkbox"/> Custom 1	http://EncoderIP:EncoderPort	<input type="checkbox"/>		
<input type="checkbox"/> Custom 2	http://EncoderIP:EncoderPort	<input type="checkbox"/>		
<input type="checkbox"/> Custom 3	http://EncoderIP:EncoderPort	<input type="checkbox"/>		

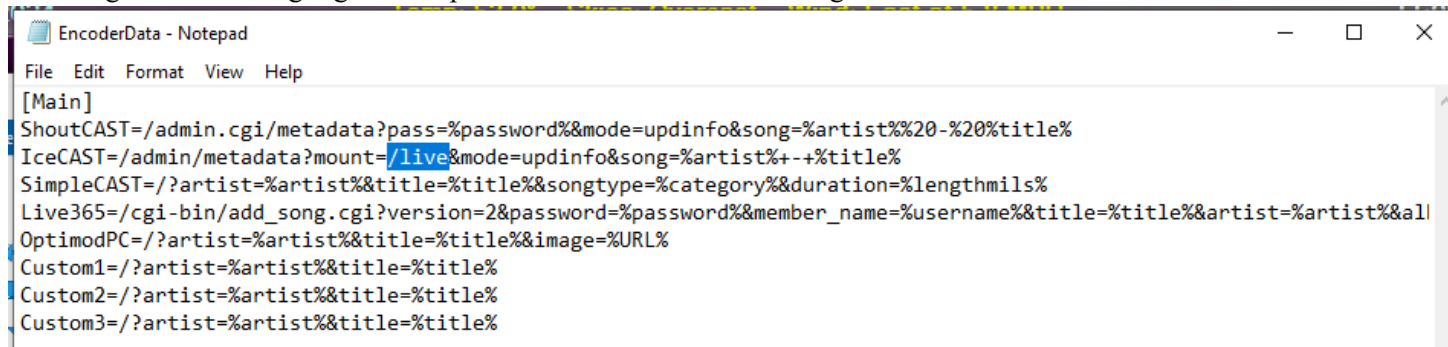
\*Replace Excluded Categories with Default Fields

Default Artist / Advertiser: BSI  
Default Title / Description: Simian  
Default URL:

### Step 3:

Next, you will need to locate the EncoderData.ini file. This will be in the C:\BSI32 folder. Once located, right click, and select open or edit. Notice that there are several lines for different casting formats. Locate the line for IceCast. The specific mount point information for your stream will need to be placed immediately after the ‘mount=’ portion of the line format.

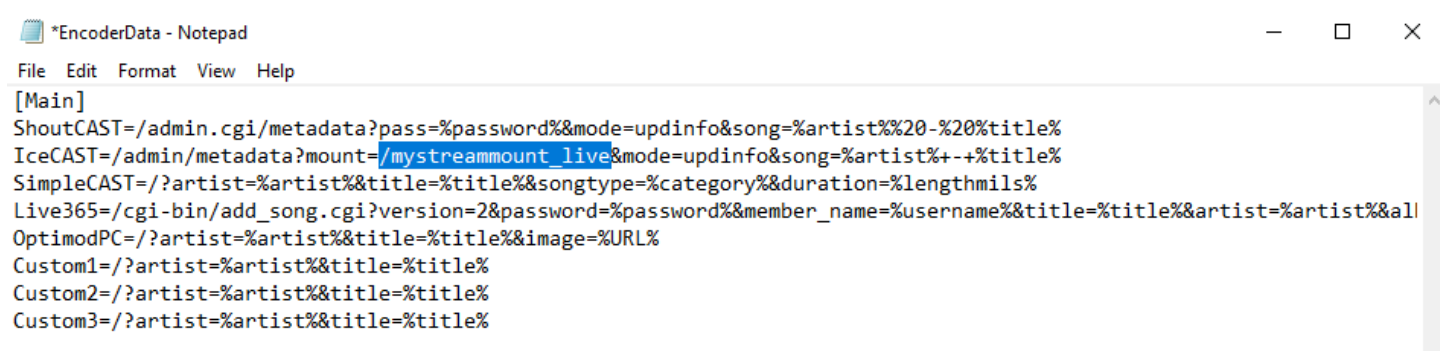
The image below has highlighted the portion that will need to be changed.



```
EncoderData - Notepad
File Edit Format View Help
[Main]
ShoutCAST=/admin.cgi/metadata?pass=%password%&mode=updinfo&song=%artist%%20-%20%title%
IceCAST=/admin/metadata?mount=/live&mode=updinfo&song=%artist%+-%title%
SimpleCAST=/?artist=%artist%&title=%title%&songtype=%category%&duration=%lengthmils%
Live365=/cgi-bin/add_song.cgi?version=2&password=%password%&member_name=%username%&title=%title%&artist=%artist%&all
OptimodPC=/?artist=%artist%&title=%title%&image=%URL%
Custom1=/?artist=%artist%&title=%title%
Custom2=/?artist=%artist%&title=%title%
Custom3=/?artist=%artist%&title=%title%
```

**Step 4:**

Insert your mount point information for your stream and save the file before closing it. The IceCast format line should look similar to the example below. If done correctly, your metadata will not directly stream from Simian to your host server.



```
*EncoderData - Notepad
File Edit Format View Help
[Main]
ShoutCAST=/admin.cgi/metadata?pass=%password%&mode=updinfo&song=%artist%%20-%20%title%
IceCAST=/admin/metadata?mount=/mystreammount_live&mode=updinfo&song=%artist%+-%title%
SimpleCAST=/?artist=%artist%&title=%title%&songtype=%category%&duration=%lengthmils%
Live365=/cgi-bin/add_song.cgi?version=2&password=%password%&member_name=%username%&title=%title%&artist=%artist%&all
OptimodPC=/?artist=%artist%&title=%title%&image=%URL%
Custom1=/?artist=%artist%&title=%title%
Custom2=/?artist=%artist%&title=%title%
Custom3=/?artist=%artist%&title=%title%
```

**Last updated:**

Tuesday 05/12/26 11:16 AM