

STREAM from QRZ and BUILD A WAY KOOL BIO PAGE...

This TUTOR was produced by K3HKR for all CAM RADIO MEMBERS--- ENJOY !!!

Do a lookup for K3HKR on QRZ...this is what you can do now !!!

STREAM TUTORIAL:

All new tutorial how too: We all know how cool it is to stream from CAM RADIO, but how many times have you desired to stream from QRZ ?? A lot of you I bet and there are a few that do it now. Problem has always been you need a SERVER like Dynamic DNS to do it.

Not true: The required files are at your fingertips and the latest (Ver. 10.0.2) of the FLASH PLAYER already exists on the Cam Radio Website...[CLICK HERE](#)...is that cool or what. Difference here is that this tutorial will show you how to ramp up your BIO page, stream on QRZ and lots more neat things. We will even build up a IMAGE BACKGROUND database so you can plug in more of those neat options that everyone is doing but not telling you the tricks... You won't have that option on other servers like www.DYNDNS.org.

LETS BEGIN WITH THE STREAM:

This tutorial has been written exclusively for CAM RADIO MEMBERS ONLY !!! Images and content are copyright of CAM RADIO NET and www.camradio.net on the Internet.

First we must be sure that you understand a few simple rules regarding COPY and PASTE. You will be shown a set of lines like these ---> and <--- You must copy only the code that is INSIDE THESE lines. Example:

```
--->  
This stream is presented by - www.camradio.net  
<---
```

You will highlight only the CODE in **BLUE** that remains inside and between the **RED** arrows. This code will be placed into the BIO EDITOR on QRZ.com. For other off-line (off-site) websites, please refer to the editor applications for those websites.

To **highlight**, place the mouse cursor on the first letter in the sentence/paragraph and drag the mouse while holding down the LEFT BUTTON. It should look like this:


```
--->  
This stream is presented by - www.camradio.net  
<---
```

Now while the highlight remains, click with the RIGHT BUTTON and select **COPY**. You are ready to PASTE the selected code into the **QRZ BIO EDITOR** window on the QRZ website and click PASTE. Continue to the next step and try this example...How did that work for you ???

All of you have done at least one edit for your BIO on QRZ...so let me refresh your mind a bit and take you a step farther.

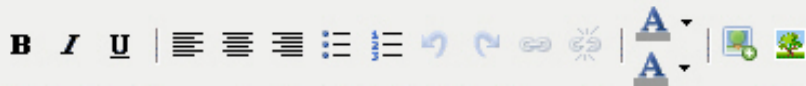
- (1) You must "click" the **"CLICK FOR MORE DETAIL"** on your BIO PAGE.
 - (2) You must "click" the EDIT RECORD button next to access your QRZ Record Number.
- REMEMBER THAT THE RECORD NUMBER IS YOUR FILE RECORD IN THE QRZ DATABASE.**

Now select this OPTION from the list:

-  Add or edit your **biography** text, fonts, etc.

You should see something like this...

K3HKR Biography



Hello, thank you for the LOOKUP...*there is only one "I" in BIO...*



I operate a HI-DEF WEB-CAM and if the stream is on-line, you can see the HAM SHACK here. Click on the TEST PATTERN above...
Listen for the 2 watt 6 Meter Beacon (50.0525)...
and visit the website www.k3hkr.com

Path:

Save

Cancel

Advanced



IF YOU SEE YOUR BIOGRAPHY PAGE, all is fine...

NOW CLICK ON ADVANCED BUTTON...and then click on the HTML EDIT TOOL...

K3HKR Biography

Styles Paragraph Font family 3 (12 pt)

HTML

Edit HTML Source

Hello, thank you for the LOOKUP...there is only one "I" in BIO...

NOTE WHERE THE HTML EDIT TOOL IS LOCATED ON THIS EDITOR...

K3HKR
CAM RADIO
CR
CAM RADIO

Path: p » a

Save Cancel Simple

CLICK ON HTML EDIT TOOL NOW...


You should see a window like the one here...

HTML Source Editor

Word wrap

```
<p>Hello, thank you for the LOOKUP<em><span style="color: #c0c0c0;">...there is only one "I" in
BIO...</span></em></p>
<p>
<object classid="clsid:d27cdb6e-ae6d-11cf-96b8-444553540000" width="400" height="300"
codebase="http://download.macromedia.com/pub/shockwave/cabs/flash/swflash.cab#version=6,0,40,0">
<param name="src" value="http://www.camradio.net/members/flashMJPEG.swf?webcam=http://
74.109.252.4:8888/cam_1.jpg&refresh=50" /><embed type="application/x-shockwave-flash" width="
400" height="300" src="http://www.camradio.net/members/flashMJPEG.swf?webcam=http://
74.109.252.4:8888/cam_1.jpg&refresh=50"></embed>
</object>
</p>
<p>I operate a HI-DEF WEB-CAM and if the stream is on-line, you can see the HAM
SHACK<br />Please visit&nbsp;the website - <a href="http://www.K3HKR.com">www.K3HKR.com</a><br />
73, K3HKR</p>
```

CODE INSERT

Update  Cancel

This is an illustration of the code as it should look after your insert. The INSERT should be done after you see this `</p>` and before you see `<p>`. This is HTML code for PARAGRAPH. `<p>` is the beginning and `</p>` is the end of the markup language.

Here is the actual code, however after you insert it into the BIO you must change a few parameters as stated in the tutor below.

```
<--->
<p>
<object classid="clsid:d27cdb6e-ae6d-11cf-96b8-444553540000" width="320"
height="240" codebase="http://download.macromedia.com/pub/shockwave/cabs/flash/
swflash.cab#version=6,0,40,0">
<param name="src" value="http://www.camradio.net/members/flashMJPEG.swf?webcam=http://nn.nn.
nn.nn:port/cam_1.jpg&refresh=30" /><embed type="application/x-shockwave-flash"
width="320" height="240" src="http://www.camradio.net/members/flashMJPEG.swf?webcam=http://nn.
nn.nn:port/cam_1.jpg&refresh=30" /></embed>
</object>
</p>
<---
```

The above code in **BLUE** should be inserted into the BIO page.
 (Parameter 1) You must insert your present GLOBAL IP and PORT. Change nn.nn.nn.nn:port in the QRZ EDITOR to your GLOBAL IP and PORT as listed on your WebcamXP stream page.
 If your IP changes, or you use DYNDNS.ORG, that stream source and PORT must be updated where the nn.nn.nn.nn:port is posted above. Keep that in mind, if your GLOBAL IP changes a lot during a short period of time, you should sign up for DYNDNS.ORG (contact WK9Z for details).
 The above will display a 320 by 240 stream image. If you want to change the stream size, you must change the window parameters in two locations as shown above, however you may "cut off" some of your stream. You can change the refresh rate at any time. If you are experiencing "brown outs" during the FLASH STREAM, change the "refresh" rate to 50. Always remember, there are 2 places to make these stream changes.
 Other adjustments can be made from within the flashMJPEG.swf file. I will look into adding a "one of a kind" off-line image for CAM RADIO MEMBERS in place of the dumb **BLUE** screen and the OFF-LINE message displayed by Webcam XP. Those settings are located inside the WEBCAM XP parameters that must be edited inside the Flash Macromedia Program. These edits require an Actionscript editor and must be re-compiled upon completion.

Remember to add the "Stream Presented by CAM RADIO NET" to your BIO page. This is important because I can track NON-MEMBER users, in a WEB SEARCH ENGINE.

NOW LETS RAMP UP THE BIO PAGE:

This is supposed to require BRAIN SURGERY to complete and I have been told it is very hard to do...Well that just ain't true and here is how you change the QRZ stylesheet settings.

I assume you are still somewhere near the EDITOR, so "save" your changes and get back to the advanced menu. Now select the CSS stylesheet option.



Set **expert** options including background colors, CSS styles, etc.

Click on the GEARS and lets GRIND out a little code here.

The BACKGROUND is important so lets look at how to do that. You will need a BKG image and a URL where it is located. The image located to the LEFT is one I put together in Photoshop. The file name is [paper22.gif](#). The image may be a .JPG, .GIF or .PNG. The .GIF images seem to work better only because the CAM RADIO SERVER will upload it to the QRZ SERVER a lot quicker especially if the image is shallow in depth. Animated GIF backgrounds are all over the net like a blanket, just pick one that is not copyright. Using GIF files is a smart idea if you also intend to stream. Let's not be Internet Hogs just because we can...after all we have a good thing going here and we should be a good neighbor.

The server information is www.camradio.net/BKGimages/ and the file name follows the last "/" in the address, as in "/filename.gif In the code below, you substitute the file you choose and replace STARfield.gif after you have inserted the code, saved and tested the results...

What you must do is follow the next tutorial steps to the letter.

```
<---
/* user style: STARS begin */
#csbody { color: #FFFFFF;background-image:
url('http://www.camradio.net/BKGimages/STARfield.gif');
background-repeat: repeat ;font-weight: bold; font-size:12pt;
background-color:#000000 } #calldata { color:
#3CA7F2;background-image:
url('http://www.camradio.net/BKGimages/STARfield.gif');
background-repeat: repeat ;font-weight: bold; font-size:12pt;
background-color:#000000 } #biodata { color:
#EEC317;background-image:
```

```
url('http://www.camradio.net/BKGimages/STARfield.gif');
background-repeat: repeat ;font-weight: bold; font-size: 12pt;
background-color: #000000 }
{ }
/* user style: STARS end */
--->
```

Now be sure you see a box like this one below. It will have "stuff" in it and basically it will be very generic. This is the **ADVANCED PAGE OPTIONS - YOUR CALL SIGN**

Custom stylesheet for the K3HKR callsign page

CLEAR THIS EDITOR BOX

Save

Cancel

First we must clear this stylesheet editor dialogue box.

There will be some "stuff" in here that we must remove. **Highlight** all that is in the box and **RIGHT CLICK** then **DELETE** all the style code.

The box should (must) be empty...

Now **Highlight** the code listed above between the 2 red arrows. Use the **RIGHT MOUSE BUTTON** and **COPY** the code.

Now **PASTE** that code into the empty box above.

Custom stylesheet for the K3HKR callsign page

```
/* user style: STARS begin */
#csbody { color: #FFFFFF;background-image:
url('http://www.camradio.net/BKGimages/STARfield.gif');
background-repeat: repeat ;font-weight: bold; font-size:12pt;
background-color:#000000 } #calldata { color:
#3CA7F2;background-image:
url('http://www.camradio.net/BKGimages/STARfield.gif');
background-repeat: repeat ;font-weight: bold; font-size:12pt;
background-color:#000000 } #biodata { color:
#EEC317;background-image:
url('http://www.camradio.net/BKGimages/STARS.png');
background-repeat: repeat ;font-weight: bold; font-size:12pt;
background-color:#000000 }
{ }
/* user style: STARS end */
```

Save

Cancel

It should look something like this, now edit into the **BKGimages**, the **BKG FILE** of your choice. You will replace STARfield.gif as above with your image name. The image must be on the CAM

RADIO SERVER, or any server that you can access. Place the name in all THREE URL markers.

The line: `url('http://www.camradio.net/BKGimages/STARfield.gif');` -- must be written as above, only change the information inside the **PARANTHESIS.

NOW CLICK SAVE...

To change your **TEXT** colors and **FONT STYLES**, you must understand **RGB** settings. In the example above FONT WEIGHT, SIZE and COLOR are all referenced. To change WHITE to BLACK, you change the "000000" to "FFFFFF", if you want all RED you change the first set of numbers (R) to "FF0000" and leave the (G) and (B) at "0". To make PURPLE, try this "FF00FF" These are BINARY settings in HEX and range from "00" (R) "00" (G) "00" (B) to "FF" (R) "FF" (G) "FF" (B).

FONT SIZES are in **POINT** and just like any normal TYPESET, you simply raise the value from "9" to "48" on the QRZ style sheet editor. Change the 12 above to 14 or 18 and see the results on your BIO page.

BACKGROUND COLOR is something that can be done like **TEXT COLOR** same rules apply. In the above example you change #000000 to #00DD00 (after the **background-color** mark-up tag) and the color should be **GREEN** in color. *See the color code chart below for the BASIC 256 INTERNET COLORS and their CODES.*

HINT: The above example shows CALLDATA and BIODATA tags...these represent the SIZE, COLOR and BACKGROUND for the BIOCALL (your call sign information) and BIODATA (your biography information) text attributes.

About your images, they should be no larger than 124 by 124, however, larger images can be used if they are small bit size. Use GIF images when possible. Select a clean set of FONTS to support your information. Solid backgrounds without images can be obtained by removing the URL TAG (shown above with ** asterisks) and simply setting a color #BBBB55 (or whatever you choose) for your background.

TO SEE AN IMAGE LIST GO HERE: 

Ok if you create a neat background and want to use it, simply send it in an email and I will add it to the CAM RADIO SERVER so you can post it on QRZ. I will advise you if the image will not get passed the QRZ server limitations, so create it and send it to me at the WEBMASTER email address. Simple as that, the image will become CAM MEMBER DOMAIN and will be posted in a GALLERY as the images get bigger.

This is a BASIC tutorial. You might want to experiment, but always return to the basic settings above if you get in trouble...just clear the stylesheet editor and paste the code above in place.

STREAM RULES YOU MUST FOLLOW:

You MUST notify the webmaster when there is a URL change. Anyone having more than 5 (five) IP changes per year must use www.DYNDNS.org for their stream page listing. Contact WK9Z regarding proper setup of the DNS DYNAMIC CONTROL.

You MUST announce somewhere in your BIO that CAM RADIO NET is generating the stream.

COPY AND PASTE THIS: `<p>STREAM PRESENTED BY: CAM RADIO NET</p>`

You MUST meet the CAM RADIO REGULATIONS regarding stream conduct and display allowances. *(In other words...we set this up for you, you should show all due respect to the fraternity.)*

You do not want to stream in poor taste if you choose to stream on QRZ...

FFF	CCC	999	666	333	000	FFC	FF9	FF6	FF3	COMMON							
FFF	CCC	999	666	333	000	C00	900	600	300	CODES							
99C	RRGGBB					CC9	FFC	FFC	FF9	FF6	CC3					CC0	
C00						900	C33	C66	966	633	300					033	
CCF	CCF	333	666	999	CCC	FFF	CC9	CC6	330	660	990	CC0	FF0	FF3	FF0		
F00	F33	300	600	900	C00	F00	933	633	000	000	000	000	000	366	033		
99F	CCF	99C	666	999	CCC	FFF	996	993	663	993	CC3	FF3	CC3	FF6	FF0		
F00	F66	C33	633	933	C33	F33	600	300	333	333	333	333	366	699	066		
66F	99F	66C	669	999	CCC	FFF	996	663	996	CC6	FF6	990	CC3	FF6	FF0		
F00	F66	C33	900	966	C66	F66	633	300	666	666	666	033	399	6CC	099		
33F	66F	339	66C	99F	CCC	FFF	CC9	CC6	CC9	FF9	FF3	CC0	990	FF3	FF0		
F00	F33	900	C00	F33	C99	F99	966	600	999	999	399	066	066	3CC	0CC		
00C	33C	336	669	99C	CCF	FFF	FFC	FF9	FFC	FF9	CC6	993	660	CC0	330		
C00	C00	600	933	C66	F99	FCC	C99	933	CCC	9CC	699	366	033	099	033		
33C	66C	00F	33F	66F	99F	CCF	CAM			CC9	996	993	990	663	660		
C33	C66	F00	F33	F66	F99	FCC				9CC	699	399	099	366	066		
006	336	009	339	669	99C	RADIO			FFC	FF9	FF6	FF3	FF0	CC6	CC3		
600	633	900	933	966	C99				CFF	9FF	6FF	3FF	0FF	6CC	3CC		
003	00C	006	339	66C	99F	CCF	339	99C	CCC	CC9	996	663	330	990	CC0		
300	C33	633	966	C99	FCC	FFF	9FF	CFF	CFF	9FF	6CC	399	066	0CC	0CC		
00F	33F	009	00C	33F	99F	99C	006	669	999	999	993	660	660	CC3	CC0		
F33	F66	933	C66	F99	FFF	CCC	6CC	9CC	9FF	9CC	3FF	0CC	099	3FF	0FF		
00F	66F	33C	009	66F	66C	669	003	336	666	666	666	330	993	CC6	990		
F66	F99	C66	966	FFF	CCC	999	366	699	6FF	6CC	699	099	3CC	6FF	0FF		
00F	66F	33C	33F	33C	339	336	006	003	333	333	333	333	663	996	660		
F99	FCC	C99	FFF	CCC	999	666	699	399	3FF	3CC	399	366	3CC	6FF	0FF		
00F	33F	00F	00C	009	006	003	339	336	000	000	000	000	000	663	330		
FCC	FCC	FFF	CCC	999	666	333	9CC	6CC	0FF	0CC	099	066	033	3FF	0FF		
00C	FOR THE					009	33C	66C	669	336	003	EXAMPLE				330	
C99	INTERNET					9CC	CFF	CFF	9FF	6FF	3CC					0CC	
						00C	009	006	003	A05115 =							
						CFF	9FF	6FF	3FF	RRGGBB							