

GoToMeeting WMV File Conversion for Bits on the Run

Step 1: Convert Source WMV G2M3/G2M4 Codec Video to WMV WMV3 Codec Video

1. Go to C:\Program Files\Citrix\GoToMeeting\xxx (where xxx is a folder with numbers, which is the version of GTM you have installed). There will be a file called "g2mtranscoder.exe". This is the utility that GoToMeeting uses to convert the file to a generic WMV file after recording.
1. Copy g2mtranscoder.exe AND g2m.dll files and paste them onto the ROOT C: drive (ie not in a folder).
2. Place the GoToMeeting recorded WMV G2M3/G2M4 Codec Video file on the ROOT C: drive as well.
3. Launch the command prompt (start -> run -> cmd).
4. If the command prompt launches and shows a file/folder path (ie C:\Documents and Setting\etc) then type "cd.." (without the quotes) until you are seeing just the root C: in the command prompt line (will look like C:\>).
5. Now type the following at the prompt: "c:\g2mtranscoder.exe source=c:\videofilenamehere.wmv". (Of course put the name of your video file instead of those words and don't forget the .wmv).

Time per file for conversion varies depending on the length, and therefore the size, of the file, as well as the computer being used. A 1 hour 9 minute file takes about 15 minutes on a computer with an Intel Core i3 CPU 350 at 3.2 GHz with 6 Gb of memory and onboard Intel HD graphics.

Step 2: Follow the instructions Using The Instructions In The Client Document "How to Add Videos to Website Using BitsOnTheRun.docx"

Step 3. Encode The File Created In Step 3 Using Microsoft Expression Encoder 4.

1. Import the file to be converted, by clicking File -> Import, and choosing the file from the dialog box.
2. Changes the presets to the options as they appear in the screenshot below.
3. Right-click on the imported file listed at the bottom of the program in the Media Content section, the choose the "Encode Selected Item" option. The file will now be encoded in a format that can be uploaded to Bits on the Run. NOTE: The new file will be larger than the original file, because the GoToMeeting file, when saved in the GoToMeeting format, is designed to be as small as possible.

Time per file for encoding varies depending on the length, and therefore the size, of the file, as well as the computer being used. A 1 hour 9 minute file takes about 38 minutes on a computer with an Intel Core i3 CPU 350 at 3.2 GHz with 6 Gb of memory and onboard Intel HD graphics.

The screenshot shows the Adobe Media Encoder interface with two open panels: 'Presets' and 'Encode'.

Presets Panel:

- Search bar at the top.
- Two tabs: 'System' (selected) and 'User'.
- Category tree:
 - Encoding Quality
 - Balanced (selected)
 - Best Quality
 - Fastest
 - Encoding for Devices
 - Encoding for Silverlight
 - Enhancements
- Apply Source Encoding Settings button.
- Settings buttons: gear, plus, minus, apply, trash.

Encode Panel:

- Output Format: Windows Media
- Video settings:
 - Video: VC-1 Main
 - Audio: WMA Lossless
- Video settings (under Video category):
 - Mode: CBR - 1 pass
 - Buffer Window: 5 seconds
 - Frame Rate: Source fps
 - Key Frame Interval: 5 seconds
 - Bitrate: 1045 Kbps
 - Size Mode: Source
 - Width: 1364 pixels
 - Height: 768 pixels (locked)
 - Pixel Aspect Ratio: 1 : 1
 - Checkboxes: Allow automatic resizing, Create separate file per stream
 - Video Aspect Ratio: Source
 - Display: 16 : 9
 - Force square pixels checkbox
 - Resize Mode: Letterbox
- Audio settings (under Audio category):
 - Channels: Stereo
 - Sample Rate: 44.1 kHz
 - Bits Per Sample: 16

NOTE: The final file will be larger than the original file, as the proprietary codec used by GoToMeeting makes their WMV file significantly smaller than a standard WMV file.