

About this File

This Help file contains context-sensitive help topics.

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Template

Click the down arrow and specify an encoding template from the drop-down list.

Template Description

Displays a brief description of the selected encoding template, including the appropriate use for the template.

Details

Lists information about parameters used by the selected template.

Custom

Click to create a new template.

Edit

Click to modify the properties of the selected template.

Remove

Click to delete the selected template.

Redirector Settings

Click to display the RealMedia Redirector Settings dialog. From here you can enable automatic creation of redirector files and enter information about the server where your media file will be stored.

A redirector file is a metafile that provides information to a media player about streaming media files. To start a streaming media presentation, a Web page will include a link to a redirector file. Linking to a redirector file allows a file to stream; if you link to the media file, it will be downloaded before playback.

Advanced

Click to display the Target Audience Settings dialog. Here you can edit default settings for encoding RealMedia files.

Note: The settings on the Target Audience Settings dialog are global settings and will affect any application using the settings.

Player Compatibility

Choose a setting from the drop-down list to select the versions of the RealMedia player with which your streaming media will be compatible.

Note: If you select a version of the RealMedia player other than the G2 RealPlayer, **SureStream™** is automatically selected in the **File type** box. When backward compatibility is enabled, a separate stream is created for each version of the RealMedia player.

Connection Speed

Select the check box that corresponds to the connection speed your target audience is likely to use. If you are creating a SureStream file, you can select multiple connection speeds and a separate stream will be created for each speed.

Audio Format

If your file contains audio, select the appropriate **Audio Format** option for the type of audio you have.

- Voice** Choose this setting if your audio consists mostly of voice with little or no music or sound in the background.
- Voice with background music** Choose this setting if your audio includes voice as well as background music or sound.
- Music** Choose this setting if your audio consists of mono instrumental music or music with vocals.
- Stereo music** Choose this setting if your audio consists of stereo instrumental music or music with vocals.
- No audio** Choose this setting if your file contains no audio.

Video Quality

If your media file includes video content, select the appropriate **Video Quality** setting for the type of motion in your file:

- Normal motion video** Choose this setting to encode video with the settings in the original file.
- Smoothest motion video** Choose this setting to emphasize motion, but sacrifice image clarity.
- Sharpest image video** Choose this setting to emphasize image clarity, but sacrifice smooth motion.
- Slide show** Choose this setting to present video as a series of still frames to maximize image clarity.
- No video** Choose this setting if your file contains no video.

SureStream

Select this radio button to create a single file encoded for multiple target audiences. A SureStream file can switch to a lower bandwidth to compensate for network congestion and allow playback on older versions of the RealMedia player.

Note: SureStream files must be broadcast from a RealNetworks RealServer.

Single Rate

Select this radio button to create a single file encoded for multiple target audiences. Single-rate files can be broadcast from a standard Web server or a RealServer.

Re-size Video Frames To

Choose a setting from the drop-down list to determine the height and width of the streaming media content when it is viewed, or choose **Custom** and enter your own settings.

Standard image sizes are provided because their dimensions conform to standards supported by many codecs and video-editing tools. Smaller image sizes allow for more bandwidth to be used for video frames and can improve content quality.

Note: When resizing image size with the **Custom** setting, be aware that many codecs require height and width settings that are multiples of 16.

New Width

When **Custom** is selected in the **Re-size video frames to** drop-down list, you can specify the width (in pixels) of your encoded video.

New Height

When **Custom** is selected in the **Re-size video frames to** drop-down list, you can specify the height (in pixels) of your encoded video.

Advanced

The Advanced RealMedia Settings dialog allows you to change the default settings used for encoding RealMedia files.

Note: The settings on the Advanced RealMedia Settings dialog are global settings and will affect any application using the settings.

Enable 2-Pass Encoding

Select this check box if you want the encoder to analyze your files before encoding them.

When the check box is selected, the encoder can produce higher-quality video, but the encoding process takes longer.

Enable Variable Bit Rate Encoding

Select this check box if you want the encoder to vary the bit rate of your encoded file over time: low-motion sections of video will use lower bit rates and high-motion video will use higher bit rates.

Enable Loss Protection

Select this check box to add keyframes and error-correction codes to your encoded file. Loss protection will help ensure the quality of your file when presented as streaming video.

Emphasize Video Quality

Select this check box if you want the RealPlayer to lower the quality of the audio before degrading video quality when bandwidth is limited. When the check box is cleared, video quality will be decreased first.

VBR Maximum Startup Latency

Specify the maximum amount of buffering that will occur before playing back your encoded file.

Maximum Time Between Keyframes

Specify the maximum time between keyframes (in milliseconds) to determine the frequency of keyframes in your encoded file.

Restore Defaults

Click to restore the default **VBR maximum startup latency** and **Maximum time between keyframes** settings.

Enable Perfect Play

When this check box is selected, users connected with standard modems can select to download a higher-quality version of the audio that is normally only available over ISDN or LAN connections. The higher-bandwidth stream is then played back from the user's hard disk after the download process is complete. The RealAudio Player Plus from Real Networks supports PerfectPlay capabilities.

Allow Mobile Play

When this check box is selected, users can play your media file on mobile audio players. This option is only applicable for files with audio content.

Allow Recording

Select this check box to allow your audience to record the audio component of a RealMedia file during playback, if they have RealPlayer Plus. If you do not want your audience to be able to record audio, clear the check box.

Title

Enter the title of your streaming-media presentation. This information can be displayed by the RealPlayer during playback.

Author

Enter the author of your streaming-media presentation. This information can be displayed by the RealPlayer during playback.

Copyright

Enter copyright information about your streaming-media presentation. This information can be displayed by the RealPlayer during playback.

Comments

Enter any comments you want to associate with your streaming-media presentation. This information can be displayed by the RealPlayer during playback.

Video Codec

Choose a codec from the drop-down list to specify how your video will be encoded. When you select a codec, a description is displayed below the drop-down list.

Inverse-Telecine

Select this check box to remove repeated frames result from converting cinematic film (24 fps) to NTSC video (25 to 30 fps). This setting has no effect on PAL video, or when the Project Properties do not match the source video.

Deinterlace

Select this check box to correct the jagged appearance of interlaced video.

Note: This setting affects only interlaced source video that is at least 240 lines high. When source video (typically 480 lines high) is digitized, some video capture cards will discard the odd or the even lines, deinterlacing the video and producing a jagged appearance.

High-Quality Resize Filter

Select this check box if you want to perform a complex analysis when you are encoding to a frame size smaller than your source media. When this check box is selected, the encoding process will produce a superior image, but it also increases the encoding time.

Noise Filter

Select this check box and select a filter type to reduce noise (also called snow) in your encoded video. Use the **Low Quality** filter to remove small amounts of noise, or use the **High Quality** filter to remove more noise.

Low Quality

Select this radio button if your video contains small amounts of noise (also called snow).

High Quality

Select this radio button if your video contains large amounts of noise (also called snow).

Template

Choose a template from the drop-down list to specify how your file will be saved. Templates allow you to save custom settings for a file type and use them at any time.

Save Template

Click to save the current file settings as a new template.

You cannot save built-in presets. If you modify the settings for a built-in preset, rename it before saving.

Delete Template

Click to delete the selected template. Only custom templates can be deleted.

Description

Displays a description of the selected template.

