



Caption Extract Profiles

The purpose of the Caption Extract Encoder is to write the extracted closed caption data from the video source into various output formats.

This section includes the following topics:

- [Introduction to the Caption Extract Encoder, page 10-1](#)
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- [Adding a Caption Extract Profile to a Job Profile, page 10-4](#)

Introduction to the Caption Extract Encoder

The Cisco MXE 3500 Preprocessor extracts all closed caption data from the video source. The purpose of the Caption Extract Encoder is to write the extracted data into various output formats. To accomplish this, create a Caption Extract Profile and add it to the Job Profile. See also: [Creating a Caption Extract Profile, page 10-4](#) and [Adding a Caption Extract Profile to a Job Profile, page 10-4](#).

Find a description of the settings available in the Caption Extract encoder profile in the “[Understanding Caption Extract Settings](#)” section on page 10-1.

Understanding Caption Extract Settings

Each Caption Extract Profile includes the following sections:

- [Common \(Caption Extract Profile\), page 10-2](#)
- [Settings \(Caption Extract Profile\), page 10-3](#)

Common (Caption Extract Profile)

Figure 10-1 shows the Common section. Table 10-1 describes the settings.

Figure 10-1 Caption Extract Profile: Common Section

Common

Profile Enabled: ☒

Task Mode: standard

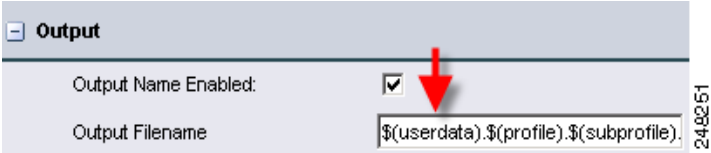
User Data:

248043

Table 10-1 Caption Extract Profile: Common Settings and Descriptions

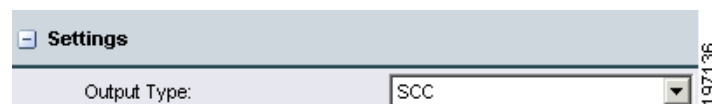
Setting	Description
Profile Enabled	Check this box enable this profile for job processing.

Table 10-1 *Caption Extract Profile: Common Settings and Descriptions (continued)*

Task Mode	<p>Sets the execution mode for this task: standard, fast start, or immediate.</p> <ul style="list-style-type: none"> • Standard: The Cisco MXE 3500 generates an intermediate uncompressed AVI file as the output of the preprocessing step. • Fast Start: Fast Start reduces the total time required to process a job by starting the encoding process as soon as enough of the image has been preprocessed, rather than waiting for the preprocessing to be completed. You may choose to use this feature when submitting large jobs. <p>Because Fast Start encoding utilizes available computer processing cycles, the Cisco MXE 3500 will use Fast Start encoding only under the following circumstances:</p> <ul style="list-style-type: none"> – If at most one other clip is currently encoding – If there are no webcasting jobs in progress • Immediate: If you enable Immediate Encoding, the Cisco MXE 3500 will not use an intermediate file, but uses a memory-based interface between the preprocessor and the encoders. This is extremely useful for longer input clips and/or formats with high data volumes, such as MPEG, where the disk space requirements for intermediate files could become prohibitive. <p>Note Since Immediate Encoding uses more memory resources and allows the encoder to control the rate at which the preprocessor provides data, it is not suitable for Live capture situations, only for file jobs.</p>
User Data	<p>The data entered in this field will appear anywhere \$(user-data) occurs in the XML. An example: If you want to include the title “Nightly News” in the output file name, you would, in the Encoder Profile, set User Data to: Nightly News. Then, in the Output Profile, set the Output Filename to include \$(userdata).</p> 

Settings (Caption Extract Profile)

Figure 10-2 shows the Settings section. Table 10-2 describes the settings.

Figure 10-2 *Caption Extract Profile: Settings Section***Table 10-2** *Caption Extract Profile: Settings and Descriptions*

Setting	Description
Output Type	Select the output format: SCC, XML, or W3C.

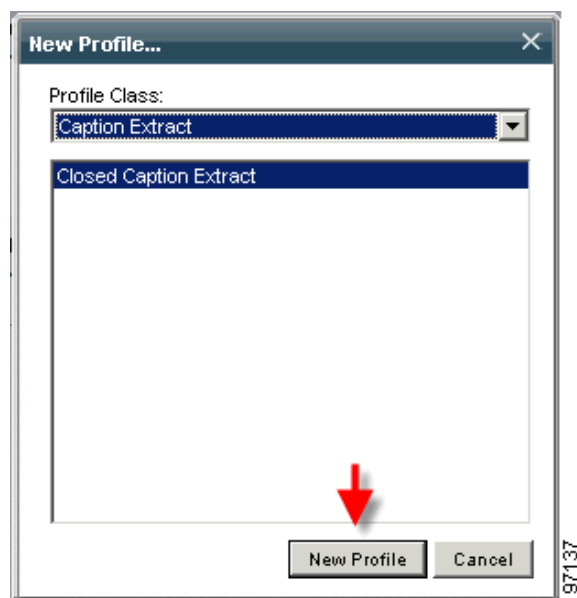
Creating a Caption Extract Profile

Use this procedure to create a Caption Extract Profile.

Procedure

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- Step 1** From the Toolbox, click **Profile Management > New Profile**.
- Step 2** From the New Profile pop-up Profile Class drop-down, select **Caption Extract**, as shown in [Figure 10-3](#).

Figure 10-3 Creating New Caption Extract Profile



- Step 3** Click the **New Profile** button. The New Caption Extract Profile page displays.
- Step 4** Enter the appropriate settings, and click **Save**.
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Adding a Caption Extract Profile to a Job Profile

Procedure

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- Step 1** From the Toolbox, click **Profile Management > New Profile or Open Profile**.
- Step 2** From the Profile Class drop-down, select **Job**, and click the **New Profile** or **Open Profile** button.
- Step 3** Expand the **Encoding** section.
- Step 4** Highlight one or more individual Caption Extract Profiles. As they are selected, the Encoder Profiles are added to the Job Profile in the upper pane, as shown in [Figure 10-4](#).
- Step 5** Click **Save**.

Figure 10-4 Adding a Caption Extract Profile to a Job Profile

