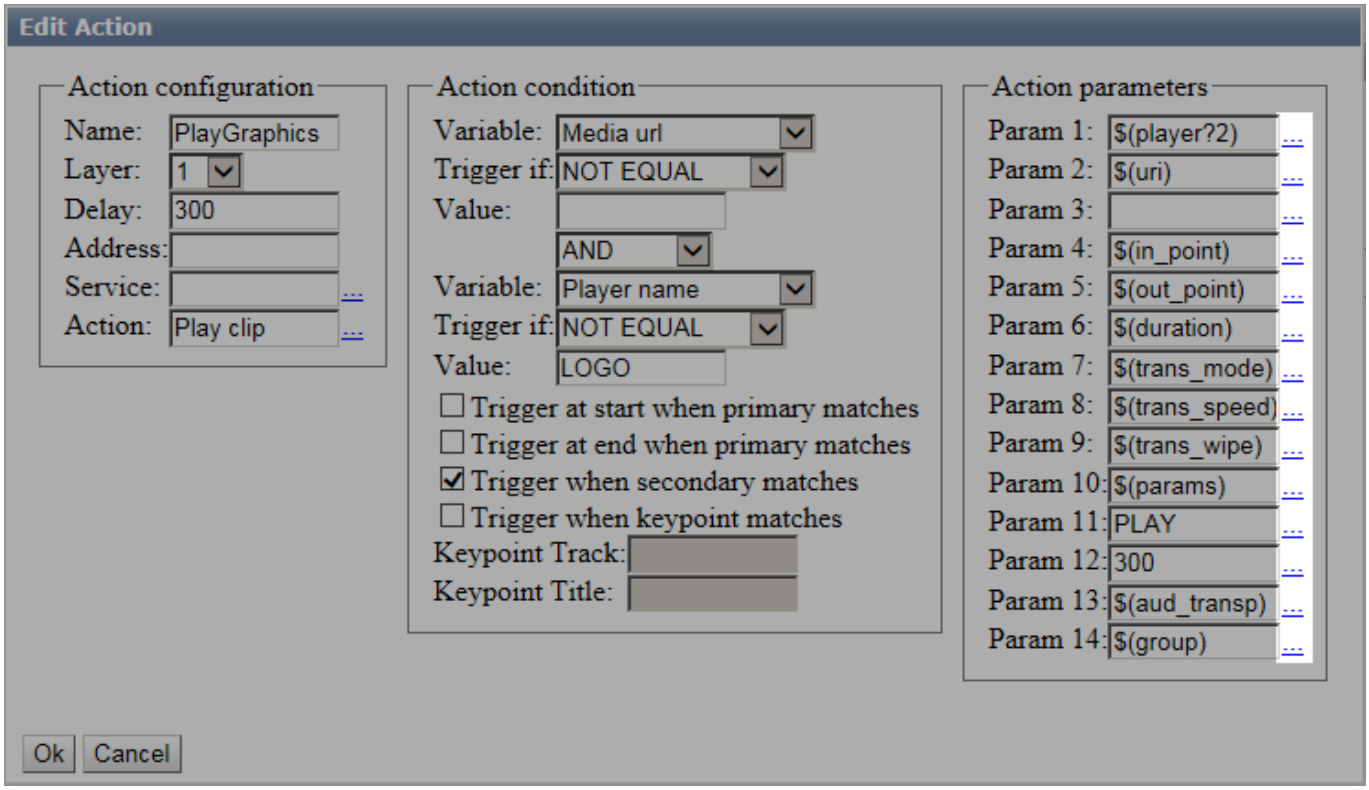
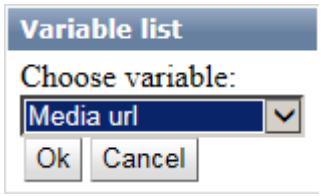
Variables in Actions Parameters

You can add variables into parameters passed to actions. A variable has the `$(variable name)` format, for example: `$(start_time)`.



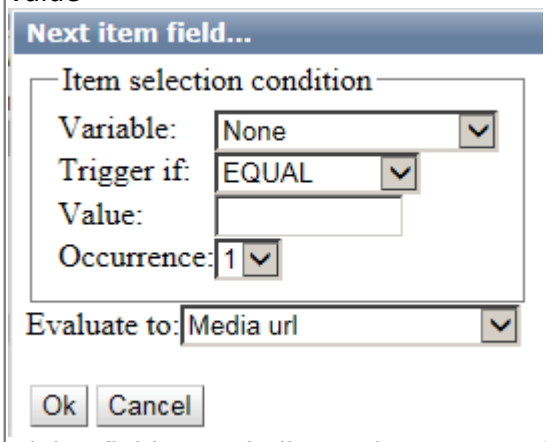
Press **…** near the parameter field to open the variable selection dialog:



Variables may be:

Values of playlist columns for the current row	
Media url	$(uri)
Player name	$(player)
Start time	$(start_time)
Timecode Origin	$(tc_orig)
IN Point	$(in_point)
OUT Point	$(out_point)
Event duration	$(duration)
Event duration (ms)	$(duration_ms)
Keyer 1 mode	$(key1_mode)
Keyer 1 speed	$(key1_speed)
Keyer 2 mode	$(key4_mode)
Keyer 2 speed	$(key2_speed)

Values of playlist columns for the current row	
Keyer 3 mode	$(key4_mode)
Keyer 3 speed	$(key3_speed)
Keyer 4 mode	$(key4_mode)
Keyer 4 speed	$(key4_speed)
Transition	$(trans_mode)
Transition speed	$(trans_speed)
Lead out duration	$(lead_out)
Wipe transition	$(trans_wipe)
Title	$(title)
Comment	$(comment)
Group name	$(group)
Type	$(type)
Tape	$(tape)
GPI 1 mode	$(gpi1_mode)
GPI 1 value	$(gpi1_val)
GPI 2 mode	$(gpi2_mode)
GPI 2 value	$(gpi2_val)
GPI 3 mode	$(gpi3_mode)
GPI 3 value	$(gpi3_val)
GPI 4 mode	$(gpi4_mode)
GPI 4 value	$(gpi4_val)
GPI 5 mode	$(gpi5_mode)
GPI 5 value	$(gpi5_val)
GPI 6 mode	$(gpi6_mode)
GPI 6 value	$(gpi6_val)
GPI 7 mode	$(gpi7_mode)
GPI 7 value	$(gpi7_val)
GPI 8 mode	$(gpi8_mode)
GPI 8 value	$(gpi8_val)
Transparent	$(transparency)
Item ID	$(item_id)
Audio transparency	$(aud_transp)
Media purge date	$(purge_date)
Clip parameters	$(params)
Evaluated values for playlist items	

Values of playlist columns for the current row	
Next item field...	Opens a condition dialog box to search for the next playlist item and retrieve its value  Dialog fields are similar to the ones used upon creating conditions in `Action condition`: • **Occurrence** - position of the required item in the list of matches. The value is 1..8, where 1 is the first item satisfying the condition. • **Evaluate to** - playlist column value sent to the evaluated variable. Also contains evaluated values: ◦ **Time to start** - time remaining before the event start. Used, for example, to create graphic compositions of countdown to the end of the ad. ◦ **Time to start (tenth of sec)** – the value in tenths of sec with rounding. Example: 71240ms=712ds=00:01:11:06, 71280ms=713ds=00:01:11:07. Added in version 2.3.80. ◦ **Start at (5 min. rounded)** – the time of start rounded to 0 or 5. The option is used, for instance, to create an announcement: “Now, Next, Then”. The clip that triggers the action using evaluated values in its parameters, gets to the evaluated interval. The interval is calculated to the clip that satisfies “Next item field → Item selection condition” appears. However, the clip itself is not included into the interval. In version 2.3.82, evaluating interval durations in actions parameters while searching for following lines has been fixed.
Previous item field...	Allows retrieving variable values from the previous playlist item. Added in version 2.3.83.
Clip start Anchor	The variable is used to output SCTE messages with frame-by-frame accuracy. It contains the anchor to the clip start: “clip_start:$(clip_anchor)/OFFSET”, where - OFFSET - of the message generation moment is relative to the start of the on-air event in the HH:MM:SS:FF format. Using the parameter is described in the article Configuring Generation of SCTE-104 Messages.
Clip End Anchor	The variable is used to output SCTE messages with frame-by-frame accuracy. It contains the anchor to the clip end: “clip_end:$(clip_anchor)/OFFSET”, where OFFSET is relative to the end of the on-air event in the HH:MM:SS:FF format. Using the parameter is described in the article Configuring Generation of SCTE-104 Messages.

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