Notification of playback of a certain event in the playlist

Task

There are two types of weather messages on the TV channel:

- The WEATHER file is a clip with weather forecast information.
- File WEATHER+DTMF a clip with information about the weather forecast with additional DTMF tagging for regional punch-in.

It is necessary to provide the possibility of additional control over the output of the file that generates DTMF tags for regional punch-in.

Solution option using AirManager

This option allows you to display a counter for the remaining time until the start of the file playback WEATHER+DTMF in the client application AirManager.

Open AirManager and create a new indicator: AirManager→Window→Display Counters→Add display.

💾 Marker Displa	ay Configurati ?	×
Title:	DTMF	
Туре	Countdown to Condition	•
Program IP:	localhost	
Program Num:	1	•
Layer:	1	•
Marker offset:	1	
Marker track:		\sim
Condition:	uri=ПОГОДА+DTMF	
Seconds only		
Bold font		
FG Color:		
BG Color:		
	Apply Ca	incel

Set the following settings:

Parameter	Value	Description of setting
Title	DTMF	The name of the indicator that will be displayed in the window title
Туре	Countdown to Condition	Type of marker. The selected type allows you to display the remaining time until playback of the clip that satisfies the specified condition

Parameter	Value	Description of setting
Program IP	localhost	The server address where the program channel is located. In our case the multiscreen and program channel are located on the same server.
Program Num	1	The serial number of the program channel service within the selected server.
Layer	1	The number of the layer where the clip will be searched by condition. 1 is the main playlist.
Condition	uri=WEEK+DTMF	Set condition: Mediald of the clip in the playlist must be equal to WEATHER+DTMF.
Seconds Only	+	Displays the time accurate to seconds. No fractional fractions.

After pressing Apply, an indicator will be created that can be placed at the desired location on the screen.

Bri	oadcas	t - CAST	1 - RUNNIN	IG @ 25.00 fps										DTHF	
4:05:1	19						DbKlick to edit							<u> </u>	
N G	aver	Status	Start	Player	Start Time	Media	Title	In Peint	Out Point	Event Dur	Clip Dur	OrigTC	^ ()($) \cdot () ()$	•
12		Done	Auto	MAIN	14:02:35:20	text_20210920	text_20210920	00:00:00:00	00:00:00:00	00:02:37:13	00:00:00:00			••••	• •
14		Skipped	Auto	Auto		City/Weve2HD	Oty//evis2HD	00:00:00:00	00:02:17:00	00:02:17:00	00:02:17:00				
15		Play	Auto	MAIN	1405-09-08	Robots 1	Robots 1	00:00:00:00	00:00:27:00	00:00:10:18	00:00:16:18				
16			Auto	Auto	14:05:36:08	test_20210928	test_20210928 - 2	22 00:00:00:00	00:00:10:00	00:00:10:00	00/00/10/00				
7			Auto	Auto	14:05:46:08	test_20210928	test_20210928 - 2	00100100100100	00/00/10/00	00.08110/00	00/00/10/00	_			
۹ C	_		Auto	Auto	14:05:55:08	TIOTOGA+0TMF	TIOTOGA+0TMF	00:00:00:00	00:00:15:23	00:00:15:23	00:00:15:23				
2			Auto	Auto	14:05:12:05	REMONT_NABEREZHNOY_S	INAMENONT_NAMERE	214(00:00:00:00	00:01:55:04	00:01:55:04	00:01:55:04				
0			Auto	Auto	14:08:07:10	REMONT_NABEREZHNOY	REMONT NASERE	21100-00-00-00	00:01:55:04	00:01:55:04	00:01:55:04				
1			Auto	Auto	14:10:02:14	bingaboon_bil12_Snoeker_	10 105110	00:00:00:00	00:00:10:00	00:00:10:00	00:00:10:00		~		
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Multiscreen solution option

This option allows you to display an additional message for the on-air operator at times when the program channel is playing the WEATHER+DTMF file. The type of message is determined by the graphic composition that will be displayed in the logo layer of the Playout service used to output the Multiscreen signal.

Preparing graphic compositions

3/7

Video IO Boards Program Outputs Recorders Recording Managers Storages GPI Boards RSS Feeds Router Buses Multiscreens

Multiscreen 1							
Service Enabled		Name: Multiscreen_1 (<u>Change</u>)					
Load Config	1	Save Config					
Playout Parameters Actions Layout Email	Playout Parameters Actions Layout Email						
Layout Windows Text Items	Layout Windows TextItens						
PGM1M		PGM2M	New Window				
			New Text				
		свободная область	Edit				
			Сору				
			Paste				
LIVE1	LIVE2	LIVE3	Delete				
LIVE4	LIVE2	LIVE2					
			_				

Open the multiscreen settings in the control panel. Determine the free area in the multiscreen layout that you want to use for additional information.

Create a new graphic composition that will display the indicator in the defined area.

Add a Rectangle Object, which will be the indicator's backing, and a Text Object, which will display text information about the event. Set the color for the Rectangle Object and write the text "DTMF" in the Text Object. Save the composition to a media base named ms_alarm_dtmf.

Right-click on the composition and choose Export... Export the created graphic composition to the file ms_alarm_dtmf.slg.

Create an empty graphic composition without objects, save it to the media base, and export it with the name ms_alarm_empty.slg.

Place the exported slg files in the folder: C:\Program Files (x86)\SL NEO Media Platform\run\files.

Setting up the actions

Go to the program channel action configuration window: Administrator Control Panel→Manager→Program Outputs→Program output N→Actions→Playlist events.

Name: MS_Alarm_Dth Layer: 1 Delay: 0 Address: Service: Playout_1 Action: Set logo	Variable: Media url Trigger if EQUAL Value: IOFOJA+DT Select OP Variable: Variable: None Trigger if EQUAL Value:	Param 1: FILE Param 16: Param 2: ms_alarm_dtmf, Param 17: Param 3: Param 18: Param 4: Param 19: Param 5: Param 20: Param 6: Param 21: Param 7: Param 23: Param 8: Param 23: Param 10: Param 25: Param 10: Param 26: Param 12: Param 27: Param 13: Param 28: Param 14: Param 30:
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Add a new action, which will display the indicator on the screen.

Set the following settings:

Parameter	Value	Description of setting	
Name	MS_Alarm_Dtmf	Name of the action that will be displayed in the control panel interface. Try to set clear names for the actions.	
Layer	1	The layer number of the program channel where the trigger condition will be tracked	
Variable	Media url		
Trigger if EQUAL		The condition will be triggered if the value of the Media field is EQUAL to the value from the Value field	
Value	WEEK+DTMF		
Trigger at start when primary matches	t start nary + This parameter defines the moment of triggering. In th the Set logo action will be triggered at the moment whe playback starts for the event where the condition is trig (Media=WEEK+DTMF).		
Address	localhost	The address of the server hosting the service to which the command will be sent.	

5/7

Parameter	Value	Description of setting
Service	Playout_1	The name of the service used to output the multiscreen signal to which the command will be sent. In our example, the Multiscreen signal is output via Playout_1.
Action	Set logo	Transmit a command to Playout_1 to set a new composition in the logo layer with the Set logo action, which takes 2 parameters.
Param 1	FILE	The value FILE shows that the clip to be played back should be looked for in the "run/files" folder
Param 2	ms_alarm_dtmf.slg	

Add a new action that will remove the indicator from the screen and replace it with a blank composition.

ame: MS_Alarm_Cle	Variable: Media url 🔹	Param 1: FILEParam 16:
ayer: 1 🗸	Trigger if EOUAL	Param 2: ms_alarm_emptParam 17:
elay: 0	Value: ΠΟΓΟЛΑ+DT	Param 3:Param 18:
ddress:	Select OP	Param 4: Param 19:
ervice: Playout_1	Variable: ar	Param 5: Param 20:
ction: Set logo	varack. None v	Param 6: Param 21:
Enabled	Ingger ff. EQUAL	Param 7: Param 22:
	Value:	Param 8: Param 23:
	Trigger at start when primary matches	Param 9: Param 24:
	✓ Ingger at end when primary matches	Param 10: Param 25:
	Trigger when keypoint matches	Param 11: Param 26:
	Keypoint Track:	Param 12: Param 27:
	Keypoint Title:	Param 13: Param 28:
	Trigger period (sec):	Param 14: Param 29:
		Param 15: Param 30:

Ok Cancel

The settings are similar to the previous action, except:

Parameter	Value	Description of setting
Name	MS_Alarm_Clear	The name of the action that will be displayed in the control panel interface. Try to set clear names for the actions.
Trigger at end when primary matches	+	This parameter defines the moment of triggering. In this case the Set logo action will be run at the end of the event when the condition is triggered (Media=WEEK+DTMF). This is necessary to hide the indicator on the screen.
Param 2 ms_alarm_empty.slg		This parameter specifies the name of the file to be played in the Playout_1 service logo layer. An empty composition will replace the composition with the indicator.

Setting up Playout

Playout_1 - 1080i	50 - (Playout)	
	<u>।</u> এইরা স্টেরা রারা সারা	
Crash Cnt:	0	
Input:	Multiscreen_1	
Format:		
Conversion:		
Use AFD	OFF	
Output AFD	Auto (FF)	
Audio Gain:	+0.0 Db	
Sync Mode:	Master	
Logo:	On	
Logo clip:	ms_alarm_empty.slg	-
Logo Presets		
Action		
Restart Comp	onent	

Make sure that the logo layer display is enabled in the Playout service settings on the Status tab.

Result



When playing a WEATHER+DTMF clip in a playlist, the corresponding indicator will appear on the multiscreen screen.

Sample Files

Download archive c files:

- ms_alarm_config.xml multiscreen configuration file with the layout from the example,
- ms_alarm_dtmf.slg graphic composition with indicator,

• ms_alarm_empty.slg - empty graphic composition.

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