

API Irplay: Slow Motion and Instant Replay Service

Access to the Instant Replay and Slow Motion service is implemented through the XML-RPC/HTTP request to the TCP port 10042+N, where N is the service sequence number.

Methods

The list of methods supported by the irplay service XML-RPC interface.

shut_down

forces the service process to exit

parameters - none

return value - none

prev_tray

loads previous recording tray

parameters - none

return value - none

next_tray

loads next recording tray

parameters - none

return value - none

load_tray

loads a clip from the media database into the server's recording tray. Current recording is not interrupted.

parameter 0 - string - ID of the clip to load. Could be the title of any of multicamera clips that corresponds to that recording tray

return value - none

cur_pos

returns current position in the recording tray

parameters - none

return value - double - current position in seconds (absolute time of day)

cur_cam

returns current camera of the recording tray

parameters - none

return value - int - current camera of the recording tray (zero based)

cue_list

returns the list of cue points for the currently loaded recording tray

parameters - none

return value - array(double) - list of cue point position in seconds (absolute time of day)

cur_play_speed

returns current playback speed of the recording tray

parameters - none

return value - double - current playback speed. 1.0 corresponds to normal speed playback, 0.0 corresponds to a full stop.

cur_media_start

returns the start position of the recording tray

parameters - none

return value - double - current recording tray start position in seconds (absolute time of day)

set_cur_pos

sets current position of the recording tray

parameter 0 - double - new position in seconds (absolute time of day)

return value - none

set_cur_cam

sets current camera for the recording tray

parameter 0 - int - new camera number (zero based)

return value - none

set_play_speed

set current playback speed for the recording tray

parameter 0 - double - new playback speed. 1.0 corresponds to normal speed, 0.0 corresponds to a full stop and -1.0 corresponds to reverse playback at a full speed.

return value - none

goto_rec

Added in the [2.2.28](#) version.

Switches the tray to the currently recording clip and sets the current position to the current time

parameters - none

return value - none

rec_point

Added in the [2.2.28](#) version.

Return currently recording clip names and offset

parameters - none

return value - struct with the following fields:

- "pos" - double - current offset in the recording stream
- "lst" - array - every element is of the string type and is the uri of the corresponding camera clip

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