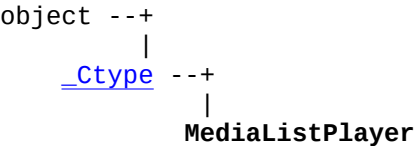


[Module vlc](#) :: **Class MediaPlayer**

[\[hide private\]](#)[\[frames\]](#) | [no frames](#)

Class MediaPlayer

[source code](#)



Create a new MediaPlayer instance.
It may take as parameter either:

- a vlc.Instance
- nothing

Instance Methods [hide private]	
	get_instance (self) Return the associated Instance. source code
	release (self) Release a media_list_player after use Decrements the reference count.
	retain (self) Retain a reference to a media player list object.
	event_manager (self) source code Decorator.
	set_media_player (self, p_mi) Replace media player in media_list_player with p_mi.
	get_media_player (self) Get media player of the media_list_player instance.
	set_media_list (self, p_mlist) source code Set the media list associated with the player.
	play (self) source code Play media list.
	pause (self) source code Toggle pause (or resume) media list.
	set_pause (self, do_pause) source code Pause or resume media list.
	is_playing (self) source code Is media list playing?
	get_state (self) source code Get current libvlc_state of media list player.
	source code

	<code>play_item_at_index</code> (self, i_index) Play media list item at position index.
	<code>__getitem__</code> (self, i) source code
	<code>__iter__</code> (self) source code
	<code>play_item</code> (self, p_md) source code Play the given media item.
	<code>stop</code> (self) source code Stop playing media list.
	<code>next</code> (self) source code Play next item from media list.
	<code>previous</code> (self) source code Play previous item from media list.
	<code>set_playback_mode</code> (self, e_mode) source code Sets the playback mode for the playlist.
Inherited from object: <code>__delattr__</code> , <code>__format__</code> , <code>__getattr__</code> , <code>__hash__</code> , <code>__i</code> <code>__subclasshook__</code>	

Static Methods [\[hide private\]](#)

a new object with type S, a subtype of T	<code>__new__</code> (cls, arg=None) source code
Inherited from <code>__Ctype</code>: from_param	

Properties [\[hide private\]](#)

Inherited from object: `__class__`

Method Details [\[hide private\]](#)

`__new__`(cls, arg=None) [source code](#)

Static Method

Returns: a new object with type S, a subtype of T

Overrides: object.`__new__`
(inherited documentation)

`release`(self) [source code](#)

Release a media_list_player after use Decrement the reference count of a media player object. If the reference count is 0, then [release](#)() will release the media player object. If the media player object has been released, then it should not be used again.

retain(self) [source code](#)

Retain a reference to a media player list object. Use [release\(\)](#) to decrement reference count.

event_manager(self) [source code](#)

Decorator. Caches a parameterless method's return value each time it is called.

If called later with the same arguments, the cached value is returned (not reevaluated). Adapted from <https://wiki.python.org/moin/PythonDecoratorLibrary>

Decorators:

- `@memoize_parameterless`

set_media_player(self, p_mi) [source code](#)

Replace media player in `media_list_player` with this instance.

Parameters:

- `p_mi` - media player instance.

get_media_player(self) [source code](#)

Get media player of the `media_list_player` instance.

Returns:

media player instance @note the caller is responsible for releasing the returned instance.

set_media_list(self, p_mlist) [source code](#)

Set the media list associated with the player.

Parameters:

- `p_mlist` - list of media.

set_pause(self, do_pause) [source code](#)

Pause or resume media list.

Parameters:

- `do_pause` - play/resume if zero, pause if non-zero.

Version: LibVLC 3.0.0 or later.

is_playing(self) [source code](#)

Is media list playing?

Returns:

true for playing and false for not playing \libvlc_return_bool.

get_state(self) [source code](#)

Get current libvlc_state of media list player.

Returns:

[State](#) for media list player.

play_item_at_index(self, i_index) [source code](#)

Play media list item at position index.

Parameters:

- **i_index** - index in media list to play.

Returns:

0 upon success -1 if the item wasn't found.

play_item(self, p_md) [source code](#)

Play the given media item.

Parameters:

- **p_md** - the media instance.

Returns:

0 upon success, -1 if the media is not part of the media list.

next(self) [source code](#)

Play next item from media list.

Returns:

0 upon success -1 if there is no next item.

previous(self) [source code](#)

Play previous item from media list.

Returns:

0 upon success -1 if there is no previous item.

set_playback_mode(self, e_mode) [source code](#)

Sets the playback mode for the playlist.

Parameters:

- **e_mode** - playback mode specification.

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