

# MoviePlayer\_Plugin



**Release 2.0 single user only !**

**Please send us suggestions or bug reports !!**

Created Apr 2001 by Didier Cugy Last edit : 22 Jul 2007

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**WARNING : Since RB 4.5 some method and properties are renamed from MoviePlayer\_Plugin. 68k is not more supported since version 1.6.**

**MoviePlayer** Applies to RealBasic 2.1 or more recent running on Mac PPC, Mac OSX and Win platforms. **MoviePlayer** extend the Movie Player Control and now the Movie Class.

## MoviePlayer\_Plugin Property :

### MoviePlayerPlus SubClass :

Name	Type	Description
MP_registrationCode	string	To Register your plugin
MP_Position	double	Current location in seconds
MP_SelectionBegin	double	position of the beginning of selection in seconds
MP_SlectionDuration	double	duration of the selection in seconds
MP_EnableEditing	boolean	Enable Movie Controler Editing
MP_PlayEveryFrame	boolean	if true : play every frame, even if that mean playing the movie at a slower rate than you previously specified.
MP_PlayRate	double	(read only) the movie playback rate
MP_Volume	double	Playback Sound Volume from 0 to 1.0

### Movie Extensions :

Name	Type	Description
M_registrationCode	string	To Register your plugin
M_Rate	double	Set and Get the movie playback rate
M_Time	double	Current location in seconds
M_Duration	double	Duration of the movie in seconds
M_Picture	Picture	Create a picture from the movie at the current time. Only use movie tracks currently enabled.
M_TimeScale	integer	return the time scale of the movie
M_FrameCount	integer	return the FrameCount of the movie
M_Done	boolean	true when movie has finished playing; otherwise return false

## MoviePlayer\_Plugin Method :

### MoviePlayerPlus SubClass :

Name	Parameters	Description
MP_Play	Rate as double	To start/stop playing movie Rate vales greater than 0 correspond to forward rates, less than 0 to backward rates. A value of 0 stop the movie.
MP_EnableEvents		Setup the Movie Player events. Must be call after opening the Movie Player Control.
MP_DisableEvents		Release event managing. Dispose callbacks handlers.
MP_NextFrame	index as integer	index specifies the number of steps (that is the frames and the play direction). Positive values steps the movie forward the specifies number of frames; negative values step the movie backward.
MP_copy		Edit method : copy
MP_cut		Edit method : cut
MP_paste	movietoPaste as movie	Edit method : paste the MovieToPaste
MP_clear		Edit method : clear
MP_undo		Edit method : undo

### Movie Extensions :

Name	Parameters	Description
M_StartMovie		Start the movie playing from the current movie time.
M_StopMovie		Stop the playback of a movie
M_GoToBeginningOfMovie		Repositions the movie to play from its start.
M_GoToEndOfMovie		Repositions the movie to play from its end.
M_NextVideoSample		Position the movie to the next sample
M_PrevVideoSample		Position the movie to the previous sample
M_NextVideoSync		Position the movie to the next sync
M_PrevVideoSync		Position the movie to the previous sync
M_LoadIntoRam	(time as double, duration as double)	Load the movie segment specified intoRam (parameters in seconds)

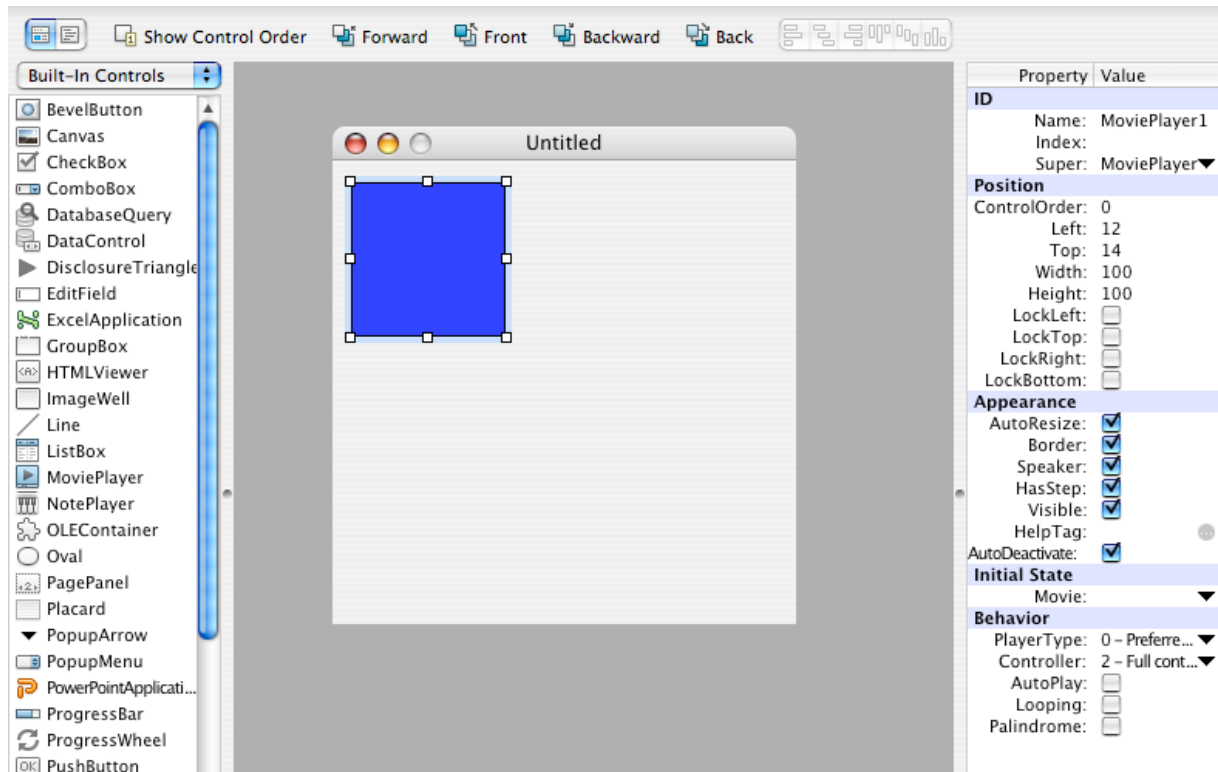
## MoviePlayer\_Plugin Event :

### MoviePlayer Extension :

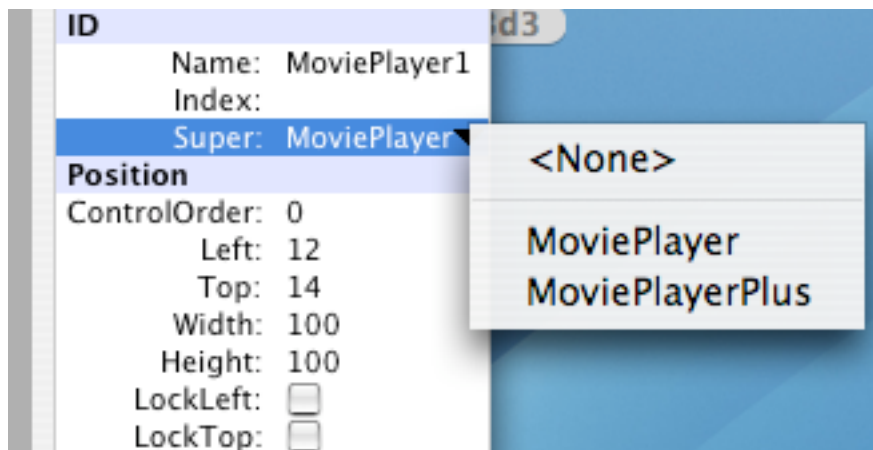
Name	Parameters	Description
MP_DrawingComplete	Param as integer	called each time the movie has changed

## How to select MoviePlayerPlus Subclass ?

1. Drag a MoviePlayer control to your app window



2. Simply select in the Super menu MoviePlayerPlus



## History

22 Jul 2007 : 2.0.0

MoviePlayer Class Extension become  
MoviePlayerPlus a subclass of MoviePlayer Class

Now compatible with Macintel, X86, Carbon and Classic

Add prefix MP\_ for all MoviePlayerPlus methods and properties

Add prefix M\_ for all Movie methis and properties

25 Jul 2003 : 1.6.0

improve compatibility with RB 4.5 and higher

rename :

- MoviePlayer properties :  
Position to MP\_Position,  
Volume to MP\_Volume
- MoviePlayer methods :  
Copy to MP\_Copy,  
Cut to MP\_Cut,  
Paste to MP\_Paste,  
Clear to MP\_Clear,  
Undo to MP\_Undo

25 Aug 2001 : 1.5

add :

- improve the Movie.Picture property by use of GWorlds

Methods :

- LoadIntoRam(time as double, duration as double)

24 Apr 2001 : 1.4

Fith release, add :

Setup the registration scheme - propertie added :

Properties :

- registrationCode as string

this propertie is useable with MoviePlayer and Movie class

16 Apr 2001 : 1.3a1

Fourth release, change :

MoviePlayer Picture Method is now a Propertie : return the movie Picture at current time.

Properties :

- TimeScale as integer
- FrameCount as integer

Methods :

- NextVideoSample
- prevVideoSample
- NextVideoSync
- PrevVideoSync

1.3 Demo application

15 Apr 2001 : 1.2a1

Third release, add :

Properties :

- rate as double
- SelectionBegin as double
- SelectionDuration as double
- EnableEditing as boolean

Methods :

- EnableEvents (replace DrawingCompleteEventSetup)
- DisableEvents
- GoToEndOfMovie
- StartMovie
- StopMovie
- Edit : copy, cut, paste, clear, undo

correct a bug in value returned by movie.time propertie  
remove DrawingCompleteEventSetup

1.2 Demo application

- Change name TestMoviePlayer to MoviePlayerDemo

11 Apr 2001 : 1.1a1

Second release, add :

Properties :

- Time as double
- Duration as boolean
- Done as boolean (read only)

Methods :

- GoToBeginningOfMovie
- Picture (time as double)

1.1 Demo application

8 Apr 2001 : 1.0a1

First release, implement MoviePlayer Extensions:

Properties :

- Position as double
- PlayEveryFrame as boolean
- PlayRate as double (read only)
- Volume as double

Methods :

- Play ( rate as double)
- DrawingCompleteEventSetup ( )
- NextFrame ( index as integer)

Event :

- DrawingComplete ( Param as integer)

1.0 Demo application

Icon for MoviePlayer\_Plugin

# MPP2007.rb



MPP2007.rb is a test application for MoviePlayer\_plugin. MPP2007 source is free.

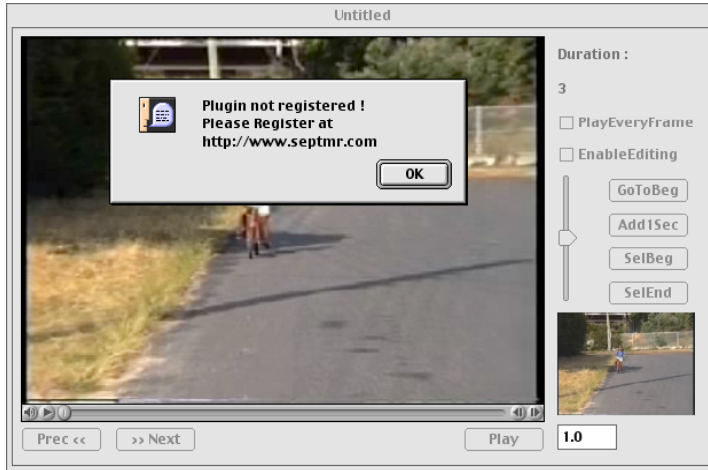


Test MoviePlayer main window contain :

- one MoviePlayer Frame
- 2 buttons for step by step (forward and backward) demo
- one button and one edit field for testing the play at movie rate method
- one Slider for testing the Volume propertie
- one CheckBox for testing the PlayEveryFrame propertie
- one CheckBox for testing the EnableEditing propertie
- one button GoToBeginning of the movie
- one button adding 1 sec to the current time
- one button for setting the Beginning of the selection (set the beginning to the current frame)
- one button for setting the duration of the selection (when beginning is selected, set the duration from the beginning frame to the current frame).
- one text display showing incremented each time the DrawingComplete event is call.
- one text display showing the duration (in sec) of the movie)
- one canvas, which when clicked get and show an extracted pict of the movie

# How to setup Registration Code in your App ?

MoviePlayer\_Plugin is now a shareware and it is necessary to register to avoid periodically drawing of the Please Register Alert !



Setup Registration Code in your App is very easy.

First please to our Web Site (<http://www.septmr.com>)  
Press purchase button below MoviePlayer\_PLUGIN.



Purchase is done from PayPal.

After checking your payment PayPal will send you an e-mail with the registration code like the following.

Dear customer,

Thank you for purchasing SEPTMR software.

To activate the Registered mode, open the "About ..." window under the Apple menu or the Windows menu and in the field labeled "Activation Key" enter **MDBwMqY7Nu-356876964**. Please enter the **MDBwMqY7Nu-356876964** as shown, because the fields are case sensitive and you will not be able to use the program if they are not entered exactly as shown here. Also, this is your private SECRETE code, so do not give it out to others.

If you have any questions about SEPTMR software please contact [support@septmr.com](mailto:support@septmr.com)

the Activation code is **MDBwMqY7Nu-356876964** in our case.  
to register in your code simply do something like.



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```
my_method_to_do_something(param as void) as void  
dim myMPP as MoviePlayer
```

```
myMPP = new MoviePlayer  
myMPP.MP_RegistrationCode = "MDBwMqY7Nu-356876964"
```

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then the drawing of the PleaseRegister Window will be disabled.

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