Cinegy Player PRO 22 COM API Manual

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Chapter 1 IPlayerAPI Interface

The IPlayerAPI interface provides properties and methods to cooperate with the Player UI component. So, you can integrate Cinegy Player PRO into your application and use it in your customized workflow.

Method	Description
CheckLicense	Verifies the existing “Cinegy Player” free license. Returns PlayerErrors enum value, which can be interpreted with the FromPlayerError method.
Clear	Resets target media and player control presets.
FromPlayerError	Gets description for PlayerErrors enum value.
LoadFile	Opens file-based media target, including MCRItem extension.
LoadPlaylistXml	Opens XML-content media target with specified parameters.
Play	Plays loaded media target.
Stop	Stops playing media target at the current position.
SetAudio0Level	Changes the zero level of the audio VU meter (-21..0).
ShowVANC	Enables/disables preview of VANC data.
SetAspect	Sets the aspect ratio for the media target.
SetCCDecoding	Sets decoding type for reading Closed Captions from the media target. The input parameters are the Closed Captions type and the index of the specified type service.

Property	Description
Duration	Gets media duration.
FrameRate	Gets media frame rate.
IsPlaying	Indicates playback status.
IsLoaded	Indicates loading status.
MarkIn	Gets or sets the initial point for playback.
MarkOut	Gets or sets the final point for playback.
Position	Gets or sets the playback point.
ReadOnly	Gets or sets accessibility to disable options: • set In and Out points; • delete In and Out points.

1.1 AspectType

The AspectType enum type members are:

- Origin
- Aspect4X3
- Aspect16X9

1.2 PlayerErrors

The PlayerErrors enum type members are:

- NO_ERRORS
- NOT_SUPPORTED
- NO_LICENCE
- LICENSE_GENERAL_ERROR
- REQUIRES_PRO
- OUTDATED_VERSION

1.3 CCType

The CCType enum type members are:

- CC_None
- CC_608
- CC_708

Chapter 2 IPlayerEvents Interface

The IPlayerEvents interface provides events. So, you can subscribe to these Cinegy Player PRO events to communicate with other components or customize existing player logic as required by your scenario.

Event	Description
MenuClickedEvent	Occurs when the Player context menu is clicked.
MarkInEvent	Occurs when the initial point for playback is changed.
ClearInEvent	Occurs when the initial point for playback is cleared.
MarkOutEvent	Occurs when the final point for playback is changed.
ClearOutEvent	Occurs when the final point for playback is cleared.
OpenFileEvent	Occurs when the file media target is opened.
OpenFileFailedEvent	Occurs when opening a file media target fails.
PlayEvent	Occurs when playing is initiated.
PauseEvent	Occurs when the media target is paused.
ClearEvent	Occurs when clearing the player is initiated.