

PTModule

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REVISION HISTORY

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Chapter 1

PTModule

1.1 PTModule

PureBasic - PTModule V1.00

Protracker is a well know software allowing musicians to create complex music using the four Amiga stereo audio channels. This library allow the programmer to manipulate the Protracker modules very easely. The replay is of course OS compliant and perfect whenever the refresh rate. This library work toghether with the Audio library, so it's possible to play standard sounds while a module is playing, very useful for games !
Main advantages of Protracker modules: compacts, can be of any lengths, very fast to replay even on slow Amiga. This library has been fully rewritten and isn't based on third amiga shared library.

Commands summary:

```
FreePTModule
GetPTModulePos
GetPTModuleRow
InitPTModule
LoadPTModule
PausePTModule
PlayPTModule
ResumePTModule
SetPTModulePos
SetPTModuleRow
SetPTModuleSpeed
StopPTModule
```

PTModule Demo

1.2 freeptmodule

SYNTAX

```
FreePTModule(#Module.w)
```

STATEMENT

Frees a module object earlier initialized with LoadPTModule().

Module

The module to free.

1.3 getptmodulepos

SYNTAX

```
Result.b = GetPTModulePos()
```

FUNCTION

Read the song position from the currently played module.

Result

The currently song position, which range from 0 to 127.

1.4 getptmodulerow

SYNTAX

```
Result.b = GetPTModuleRow()
```

FUNCTION

Read the row number from the currently played module.

Result

The actual row, range from 0 to 63.

1.5 initptmodule

SYNTAX

```
Result.l = InitPTModule(Modules.l)
```

FUNCTION

This is the initroutine and it must always be called before any other PTModule functions.

Note:

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The new Audio Lib serve both PTModule Lib and Sound Lib with the allocation/freeing functions of audio channels. The little drawback is that InitAudio() must always be called before InitPTModule().

Modules

The max module objects wanted.

Result

If this is TRUE the PTModule environment is correctly initialized but if it's instead FALSE no other function should be called.

1.6 loadptmodule

SYNTAX

```
Result.1 = LoadPTModule(#Module.w,FileName$)
```

FUNCTION

Use this function to load a module from disk, it must be the 31 samples 64 pattern type of ProTracker module.

The module object must be free else the old stuff will be gone.

Module

The module object to initialize.

FileName

An ordinary path to the module.

Result

If TRUE the module have been correctly loaded.

1.7 pauseptmodule

SYNTAX

```
PausePTModule()
```

STATEMENT

Call this statement to have the currently played module paused.

The paused module could be resumed later on even if one or more modules have been played, and paused too, in between.

1.8 playptmodule

SYNTAX

```
PlayPTModule(#Module.w)
```

STATEMENT

Use this statement to start to play an module.

The currently played module will be stoped automaticly.

Module

The module to play.

1.9 resumeptmodule

SYNTAX

ResumePTModule(#Module.w)

STATEMENT

Use this statement to resume any paused module, not just the currently played module that is paused, at any time

The currently played module will be stoped automaticly.

Module

The module to resume.

1.10 setptmodulepos

SYNTAX

SetPTModulePos(Pos.b)

STATEMENT

To set a new song position for the currently played module then call this statement.

Pos

The new song position.

1.11 setptmodulerow

SYNTAX

SetPTModuleRow(Row.b)

STATEMENT

To set a new row number for the currently played module then call this statement.

Row

The new row number to set, must be in between 0 to 63.

1.12 setptmodulespeed

SYNTAX

SetPTModuleSpeed(Speed.b)

STATEMENT

This statement set a new speed value for the currently played module.

Speed

The new speed, could be somewhere in between 1 and 32.

As the value gets lower the module will go faster.

1.13 stopptmodule

SYNTAX

StopPTModule()

STATEMENT

Use this statement to stop the currently played module.