

**CiaTimer**

**COLLABORATORS**

	<i>TITLE :</i> CiaTimer		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

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# Chapter 1

## CiaTimer

### 1.1 Amiga Foundation Classes: CiaTimer

\*\* CiaTimer - Original By Fabio Rotondo \*\*

\* Part of the Amiga Foundation Classes \*

Introduction

Author's Info  
Amiga Foundation Classes

Requires: Nothing.

Class Base: \$00050000

NEW COMMANDS

BRIEF DESCRIPTION

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ciatimer()	Class Constructor.
close()	Closes all CIA resources.
init()	Initializes CIATimer.
signal()	Returns CIA sigbit.
set(secs, micros)	Sets event timings.
start()	Starts CIA.
stop()	Stops CIA.

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```
version()
Returns CiaTimer version.
```

Error Table

## 1.2 Introduction

### INTRODUCTION

This is a very handy class which will help you to send async messages to your programs. Since it uses CIAs, it is extremely precise and accurate.

You can set events for seconds and micros, but I don't suggest you to rely on micros too much, because your program should answer `_very_` fast to them :-)

## 1.3 Author's Info

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## 1.4 CiaTimer / Error Table

VALUE	DESCRIPTION
\$0000	No Memory.
\$0001	The class could not init correctly.

\$0002 | Could not open message port.

## 1.5 Amiga Foundation Classes: CiaTimer/ciatimer()

NAME: ciatimer()

SYNOPSIS: VOID ciatimer( VOID )

DESCRIPTION: this is the class constructor.

INPUT: NONE

RESULTS: NONE

SEE ALSO:

init()

## 1.6 Amiga Foundation Classes: CiaTimer/init()

NAME: init()

SYNOPSIS: VOID init( VOID )

DESCRIPTION: This method initializes the CiaTimer.

INPUT: NONE

RESULTS: NONE

SEE ALSO:

start()

stop()

## 1.7 Amiga Foundation Classes: CiaTimer/ciatimer()

NAME: close()

SYNOPSIS: VOID close( VOID )

DESCRIPTION: This method close CIA timer and release all System Resources.

INPUT: NONE

RESULTS: NONE

SEE ALSO:

init()

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## 1.8 Amiga Foundation Classes: CiaTimer/ set()

NAME: set(secs, micros=0)

SYNOPSIS: VOID set(int secs, int micros = 0)

DESCRIPTION: Use this command to set the timing of the CIATimer.

INPUT: secs                   - Seconds to wait before an event.  
      micros                 - (Optional) Micros to wait before an event.

RESULTS: NONE

SEE ALSO:

init()  
start()

## 1.9 Amiga Foundation Classes: CiaTimer/start()

NAME: start()

SYNOPSIS: VOID start( VOID )

DESCRIPTION: Use this method to start CIATimer.

INPUT: NONE

RESULTS: NONE

SEE ALSO:

stop()  
set()

## 1.10 Amiga Foundation Classes: CiaTimer/stop()

NAME: stop()

SYNOPSIS: VOID stop( VOID )

DESCRIPTION: Use this method to stop CIATimer event sending.

INPUT: NONE

RESULTS: NONE

SEE ALSO:

start()

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## 1.11 Amiga Foundation Classes: CiaTimer/signal()

NAME: signal()

SYNOPSIS: ULONG signal ( VOID )

DESCRIPTION: This method returns the CIATimer sigbit.

INPUT: NONE

RESULTS: a ULONG containing the sigbit.

SEE ALSO:

init()

## 1.12 Amiga Foundation Classes: CiaTimer/version()

NAME: version()

SYNOPSIS: ULONG version ( VOID )

DESCRIPTION: This method returns the CIATimer version and revision.

INPUT: NONE

RESULTS: This method returns TWO values: version and revision.

SEE ALSO: