

ttparse_guide

COLLABORATORS

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WRITTEN BY		February 12, 2023
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REVISION HISTORY

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Chapter 1

tparse_guide

1.1 AMIGA-E Modules: tparse_oo/MAIN

```
** TTPARSE_00 - Written By Fabio Rotondo **
```

```
** DOCUMENTATION GUIDE **
```

```
Introduction
```

```
Author's Infos
```

```
Example Program
```

```
COMMANDS
```

```
BRIEF DESCRIPTION
```

```
-----  
tparse(grab=FALSE)  
Initializes the object.
```

```
error()  
Returns the LAST error.
```

```
file(fname)  
Set the file to parse on.
```

```
get(tooltypename)  
Get the tooltype.
```

```
match(ttname, match)  
Look for a match.
```

```
ERROR TABLE
```

1.2 Amiga-E Modules: tparse/ERROR TABLE

VALUE	NAME	DESCRIPTION
0	NO_ERROR	No error found.
1	NO_WB_MSG	The program was not run from WB.
2	TT_NOT_FOUND	Searched ToolType was not found.
3	NO_DISK_ICON	The file passed has no icon.
4	NO_ICONLIB	Could not open icon.library.
5	NO_TOOLARRAY	Could not allocate toolarray.
6	FILE_NOT_FOUND	File Name passed was not valid.

1.3 Amiga-E Modules: ttparse_oo/ttparse()

NAME: ttparse (grab=FALSE)

DESCRIPTION: This command initializes a ttparse object.

INPUTS: grab - (optional) If grab is set to TRUE, the initialization process try to grab the '.info' of the file for getting tooltypes.

RESULTS: NONE. - Check error() for errors.

SEE ALSO: error()

1.4 Amiga-E Modules: ttparse_oo/get()

NAME: get (tooltypename:PTR TO CHAR)

DESCRIPTION: This command gets the desired ToolType.

INPUTS: tooltype:PTR TO CHAR - Name of the tooltype to search.

RESULTS: FALSE - Something got wrong.
~FALSE - a PTR TO CHAR containing the result.

SEE ALSO: error()

1.5 Amiga-E Modules: ttparse_oo/match()

NAME: match (tooltypename:PTR TO CHAR, matchtext:PTR TO CHAR) ↔

DESCRIPTION: This command checks the tooltype selected for the text desired.

INPUTS: tooltypename:PTR TO CHAR - Name of the desired ToolType.
matchtext:PTR TO CHAR - Text to look for.

RESULTS: TRUE - Match Succeeded.
FALSE - Match not Succeeded.

NOTE: FALSE could also mean an error.

SEE ALSO:
error()

1.6 Amiga-E Modules: ttparse_oo/error()

NAME: error()

DESCRIPTION: This command returns the LAST error encountered.

INPUTS: NONE.

RESULTS: 0 - No error.
~0 - An error.

SEE ALSO: ERROR TABLE

1.7 Amiga-E Modules: ttparse_oo/file()

NAME: file(progname:PTR TO CHAR)

DESCRIPTION: This command allows the user to select the icon to parse.
Note that "progname" should not contain the '.info' extension.

INPUTS: progname:PTR TO CHAR - Name of the file to load without '.info'.

RESULTS: TRUE - No error.
FALSE - Something went wrong.

SEE ALSO:
error()

1.8 Author's Infos

My name is Fabio Rotondo. I am a free-lance Amiga programmer and I would like to get in touch with anyone who writes code for the Amiga. I write in AmigaE, BlitzII, C and a bunch of other languages.

Please, feel free to contact me for any suggestions/questions.

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Thanks!

1.9 Amiga-E Modules: ttparse/EXAMPLE PROGRAM'

```

MODULE 'Fabio/ttparse_oo'      -> The Magic Module!!

PROC main()
  DEF ttype:PTR TO ttparse     -> An histance of our ttparse object
  DEF s

  WriteF('This is a little try of TTParse_oo.m\n')

  NEW ttype.ttparse(TRUE)     -> Let's initailize the object and GRAB the icon.

  IF ttype.error()            -> If an error occurred...
    WriteF('ToolType Parser Error:\d\n', ttype.error())
  ELSE
    WriteF('Everything Is Fine\n')
    s:=ttype.get('MYTRY')      -> Let's search for a tooltype called "MYTRY"
    IF s                       -> We found it!!!
      WriteF('Get() Result:\s\n', s) -> Here there is the result!
    ELSE
      WriteF('Get Error:\d\n', ttype.error()) -> Ouch! An Error!
    ENDIF

    s:=ttype.match('MYTRY','FABIO') -> Now we check if inside "MYTRY" we found " ←
      FABIO"
    IF ttype.error()          -> If an error occurred...
      WriteF('Match Error:\d\n', ttype.error())
    ELSE
      WriteF('Match Result:\d\n', s) -> We got it!!!
    ENDIF
  ENDIF

  END ttype -> REMEBER TO _END_ A.L.W.A.Y.S. THE OBJECT
  CleanUp() -> Let's keep things clean!!!
ENDPROC

```

1.10 Amiga-E Modules: ttparse/INTRODUCTION

TTPARSE_OO.M

This module is very useful for parsing ToolTypes from icons. The use of this module supposed you have a sufficient knowledge of how ToolTypes work and how OOP is implemented in AmigaE.

With this module you can easily parse ToolTypes of many icons. You can change from icon to icon via the

```
file()
command.
```

There is also a shortcut to parse the main program without have to worry of writing code to find the icon: simply pass TRUE as param calling

```
ttparse()
initialization process.
```

Anyway, this module is small and efficient. See the

```
example
program
```

for a on-road demonstration.

If you find any bug, write to me: see

```
Author's Infos
```