

HoF-Analyzer

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	<i>TITLE :</i> HoF-Analyzer		
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Chapter 1

HoF-Analyzer

1.1 HoF-Analyzer 1.1 - Contents

Welcome to HoF-Analyzer !

HoF-Analyzer 1.1 by Christophe Macours
with Blitz Basic 2.1
© Copyright August 1997

Introduction
What, How, Why ?

Distribution
Please read !

Requirements
What you need

Installation
Very complicated...

Getting Started
How to load ?

Using
How to use ?

Help me!

Problems, bugs...

Thankyous
People I want to thank

The Author...
All about me...

History
Program history

The future
Future changes

1.2 Introduction

Introduction

This program allows you to dissect Alan Strang's HoF (Hall of Fame) files. It is widely inspired by Michal Janak's HoFPoints. I appreciate much his program but it doesn't allow a global vision of the standings and the records encoding is rather boring. That's why I decided to start programming, with Blitz Basic 2.1 (which is fantastic).

You will be able to view the classifications of each circuit, edit and save your times. You will also set a position to reach and HoF-Analyzer will show you the needed performance.

Other features are in development but I'm waiting to see if the program is appreciated. Suggestions and bugs reports are of course welcome !

1.3 Distribution

Distribution

HoF-Analyzer is Moduleware. If you like it, I invite you to send me a music module (mod. ...) of your own, to my

E-Mail
address.

You can copy HoF-Analyzer as many times as you want, as long as it is kept with the following files:

HoF-Analyzer.info	Standard 4 colours icon
HoF-Analyzer_MWB.info	Magic-WB 8 colours icon
HoF-Analyzer.guide	English documentation
HoF-Analyzer_French.guide	French documentation

Of course, I cannot be held liable if this program causes any problems with your system, even if nothing serious should happen. Have a look at the
bugs
page.

For the rest, I don't advise you to cut this program into 36 pieces, or to sell it at 30000 pounds. It's up to you...

1.4 Requirements

Requirements

Any Amiga with OS 2.0 or higher should suit. However, HoF-Analyzer has only been tested on a Amiga 1200 and 4000, both with Kickstart 3.0 and 4Mb Fast.

You also need a HoF AmigaGuide file. The only valid HoF files are those published from October 1996; the others are obsolete since the (new) 107% rule.

The asl.library (or reqtools.library) is also required.

I advise you to use the F.Giannici's CycleToMenu commodity (or any equivalent) to make the circuits choice easier, as well as Magic Menu (by Martin Korndörfer and Olaf 'Olsen' Barthel) to have nice looking menus (they are still ugly). You can find those tools in the appropriate directory on Aminet.

1.5 Installation

Installation

Installation is very easy. Just copy the HoF-Analyzer executable file into the desired directory.

1.6 Getting Started

Getting Started

From Workbench:

Just double-click over the HoF-Analyzer icon to open the window.
There are different TOOLTYPES (which are NOT case sensitive):

ID=your_HoF_ID Ex: ID=CM

This allows HoF-Analyzer to identify you.

If the chosen ID doesn't appear in the HoF, you can still compare your performances with the HoF by encoding them manually.

If that Tooltype is not specified, the ID CM is used by default :-)

HOF=your_HoF_file Ex: HOF=Work:Jeux/grandprix/HoF/HOF_APR.GUIDE

The HoF file to work on. The program won't run if it is not a correct file.
If that Tooltype is not specified, a file requester will appear.

REC=your_records_file Ex: REC=Work:Jeux/HoF_Analyzer/CM_Records

The Records file to load, which contains the Manual Times. That file has nothing to do with the Lap Records files from F1GP ! It is a file specific to HoF-Analyzer.

FONTNAME=window_font_name Ex: FONTNAME=helvetica

The Font to use in the window. This is useful if your screen font is not cleanly proportional (i.e. the cyphers' width is not constant). If that Tooltype is not specified, the screen font is used by default.

FONTSIZE=window_font_size Ex: FONTSIZE=15

The size of the window font. If that Tooltype is not specified, the screen font size is used by default.

WINX=X_pos_of_window Ex: WINX=64

Determines the horizontal position of the window.

WINY=Y_pos_of_window Ex: WINY=64

Determines the vertical position of the window.

From CLI:

Just type HoF-Analyzer after its path. There is no option because the config is read from the file HoF-Analyzer.info.
So please refer the Tooltypes' descriptions above.

1.7 Using

Using

HoF-Analyzer uses two types of commands:

- The Gadgets
 - The

Menus

1.8 Using of Gadgets

Using of Gadgets

You will find below a description of the window of HoF-Analyzer. To know more about a button, just click on it !

```

Select Track: Get Times: ID:          Time:

      Global

      From HoF

      ID
      1m
      17.338

      Score:
      228.63

      Need Global Pos:

      7 |

      Need Time: Diff.:

      Standings

      1m16.829

      - 0.509

      Janak's

      OR

      + 0.364

      Mode:

      Enemy:

      Diff.:

```

1.9 Using of Gadgets

Select Track

This button allows you to choose between the display of the general

standings

(the button is on Global) and the tracks standings (any other choice).

1.10 Using of Gadgets

Get Times

This button gives you two possibilities. On From HoF, HoF-Analyzer will pick your times from the HoF file, without any modification. However, if Manually is activated, your "official" times will be replaced by the

Manual Times

,

manually encoded or preloaded.

1.11 Using of Gadgets

Standings

In this listview, you will find either the general classification or the selected track classification, according to the

Track

button.

If you appear in the classification, the line corresponding to your

ID

is

automatically selected.

At the moment, selecting another entry in the listview is only useful to change your ID. A request will ask you to confirm and your

Manual Times

will be cleared.

Important Note: In

Global

mode, your score is the only to be updated, the

others don't change (for example when you become first at a track). This inconvenient may be removed in the future.

1.12 Using of Gadgets

ID

This gadget simply reminds you who you are :-). It has not really a defined purpose - I sometimes wonder why I kept it...

There are two ways to change your ID:

- Via the

TOOLTYPES

;

- By selecting another driver in the

listview

.

1.13 Using of Gadgets

Time
 This gadget is only active in
 Manually
 mode. It allows you to enter your
 record for the selected circuit. Your
 rank
 will change automatically, as
 well as your

Total Score
 and the
 Need Time
 .

1.14 Using of Gadgets

Score
 Your total score is printed here. In
 From HoF
 mode, the score is the same
 as in the HoF, whereas in
 Manually
 mode, your score is recalculated using
 your
 Manual Times
 . Note that you always get a point for having times (see
 HoF rules).

1.15 Using of Gadgets

Need Global Pos
 With this slider, you can specify the position you want to reach in the
 general

standings
 . HoF-Analyzer will calculate your
 Need Time
 for each
 circuit, using the method specified by the
 Mode
 button.

1.16 Utilisation des Gadgets

Need Time
 Printed here is the time, for the selected track, you will need to reach

the position specified by the
slider

When you have no time at a circuit, the time to reach in mode
Janak's
represents the best time to get zero point.

When you have not performed many records, the Need Time may seem strange.
This is because Janak's calculation needs all the track times.

1.17 Using of Gadgets

Diff.

Shows the difference between your time and the
Need Time

. When your time
is better, the difference is negative, and vice-versa.

1.18 Using of Gadgets

Mode

This button determines the calculation method to use for the
Need Times

. In mode Equal, the score to reach is the same for all circuits:

$$\text{need_score_circuit_x} = \text{need_total_score} / 16.$$

In mode Janak's, HoF-Analyzer uses Michal Janak's formula, which is
explained in HoFPoints's documentation. Here is its principle:

The closer you are from the best time, the less you need to improve it. So
if you have the best time, you don't need to improve it. However, the
more your time move away from the best, the more you have to improve it.

1.19 Using of Gadgets

Enemy

You can find here the ID of the driver who sits at the
Needed Position

. He is your Enemy !

1.20 Using of Gadgets

Diff.
Shows the difference between your time and your
Enemy
's time. When your time
is better, the difference is negative, and vice-versa.

1.21 Using of Menus

Using of Menus

Please choose the Menu option you would like to know more about:

Project	Edit	Settings
	Load Records	
	Clear Records	
	\ / Snapshot Window	
	Save Records	
	Paste from HoF	
	Save Settings	
	Change HoF File	
	About...	
	Quit	

1.22 Using of Menus

Load Records

Opens a file requester and asks you to choose a Records file containing the

Manual Times

. Those Records files have nothing to do with the Lap
Records files from FlGP !
If the chosen file doesn't exist or is incorrect, there is no modification.
For people who are interested, the Records files are just text files,
easy to edit. When there is no time for a circuit, there is a - (dash)
instead.

1.23 Using of Menus

Save Records

Opens a file requester and asks you to choose a Records file that will contain the

Manual Times

currently into memory. You don't need to be in

Manually

mode for this operation.

1.24 Using of Menus

Change HoF File

Opens a file requester and asks you to choose a new HoF file to analyze. If the operation is successful, the program will recalculate some data and your

Manual Times

will be kept. If not, nothing will happen.

This operation allows you to see what your rank would have been if you had made some records three months earlier...

1.25 Using of Menus

About...

No comments... See the

Author

page.

1.26 Using of Menus

Quit

Exits HoF-Analyzer after confirmation. The close window gadget has the same effect.

1.27 Using of Menus

Clear Records

This option allows you to clear the

Manual Times

currently in memory.

Your

Total Score

will thus be zero and you will only appear in the general

standings
, with one point. This operation is NOT reversible !

1.28 Using of Menus

Paste Records from HoF

Very useful when using HoF-Analyzer for the first time, this function allows you to copy all the HoF times to the

Manual Times

, so you don't have to

type them in.

1.29 Using of Menus

Snapshot Window

This option specifies if the window position must be saved when choosing the

Save Settings

menu option.

1.30 Using of Menus

Save Settings

Saves the program configuration into the

TOOLTYPES

. Here is what is saved:

- The HoF file name ;
- The Records file name ;
- The ID ;
- The window coordinates (if
Snapshot Window
is activated).

1.31 Help me!

Help me!

As HoF-Analyzer is the first Intuition program I have created with Blitz Basic, it is not impossible, despite everything, that bugs have resisted to the tests. If so, please send me the bug description and your configuration. Moreover, if you have Fonts problems (especially in the classifications), feel free to inform me ! Finally, any suggestion is welcome !

1.32 Thankyous

Thankyous

A big thank to:

Michal Janak for his HoFPoints, without which HoF-Analyzer wouldn't exist, and also for having noticed the (stupid) bug in the Need Times.

Oliver Roberts for his critics and suggestions, his site, F1GP-Ed, etc... (I stop - there is really too much to write here :-)

Alan Strang for the HoF (continue Alan !) and for having also tested HoF-Analyzer.

1.33 The Author

The Author

I'm 20 years old and I'm studying computer engineering at the University of Liège, Belgium. I'm fond of car racing, Amiga, athletics...

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NB: Until the 1st October 1997, I'm not contactable by E-Mail. Just use a pencil...

If you are interested in engine sound samples (especially GTs), I suggest you to have a look at my web page:

<http://www.geocities.com/paris/leftbank/1460/samples.html>

That's all...

1.34 History

History

V1.1 - 26 August 1997 (121380 bytes)

- Added Enemy feature, which shows the time differences between you and the driver occupying the needed position
 - Added FONTNAME and FONTSIZE Tooltypes
 - A Bevel Box has been put around the window...
-

- Fixed a bug: when your position is 1st in the general standings, your needed times are now correct

V1.0 - 17 August 1997 (118180 bytes)

First public release.

V0.5B - 22 July 1997 (120760 bytes)

Beta version, for testing.

1.35 The Future

The Future

It is clear that the future of HoF Analyzer depends on YOU ! I hope that enough reactions and positive answers will occur, so I can continue the development.

I have some ideas:

- Info window: this window would be used to show some information about the records (setups, options, date...) ;
 - Gadtools menus <- HELP: If someone knows how to do in Blitz ?
-